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**ExxonMobil**  
*Refining & Supply*

April 10, 2006

Ms. Jo Bentz  
California Regional Water Quality Control Board  
North Coast Region  
5550 Skylane Boulevard  
Santa Rosa, California 95403

**RE: Former Exxon RAS #7-0277/1101 Yulupa Avenue, Santa Rosa, California.**

Dear Ms. Bentz:

Attached for your review and comment is a copy of the letter report entitled *Groundwater Monitoring and Remediation Status Report, First Quarter 2006*, dated April 10, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and remedial activities at the subject site.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

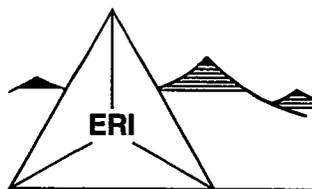


JCS  
Jennifer C. Sedlachek  
Project Manager

Attachment: ERI's Groundwater Monitoring and Remediation Status Report, First Quarter 2006,  
dated April 10, 2006.

cc: w/ attachment  
Mr. Paul Lowenthal, City of Santa Rosa Fire Department  
Mr. Joseph A. Aldridge, Valero Energy Corporation

w/o attachment  
Mr. James F. Chappell, Environmental Resolutions, Inc.



**ENVIRONMENTAL RESOLUTIONS, INC.**

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April 10, 2006  
ERI 210113.Q061

Ms. Jennifer C. Sedlachek  
ExxonMobil Refining & Supply - Global Remediation  
4096 Piedmont Avenue #194  
Oakland, California 94611

**SUBJECT** Groundwater Monitoring and Remediation Status Report, First Quarter 2006  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
NPDES Permit No. CAG 915001, Order No. 5-00-11949  
Santa Rosa Wastewater Discharge Permit No. SR-GW6590

**INTRODUCTION**

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2006 groundwater monitoring and sampling and remedial activities at the subject site. This report covers activities from December 15, 2005, through March 2, 2006. Relevant tables, plates, and attachments are included at the end of this report. Currently, Whiteys TBA operates the site as a Valero-branded service station. Valero Energy Corporation owns the underground storage system operated at the site.

**GROUNDWATER MONITORING AND SAMPLING SUMMARY**

**Gauging date:** 01/09/06

**Sampling dates:** 01/09/06 and 01/10/06

**Wells gauged and sampled:** MW5, MW5C, MW6 through MW13, MW15 through MW19, MW20A, MW20C, MW21A, MW21B, MW21C, MW22

**Presence of NAPL:** Not observed

**Remediation system status on sampling date:** GET system active; AS/SVE system inactive

**Laboratory:** TestAmerica Incorporated, Nashville, Tennessee

**Analyses performed:** EPA Method 8015B TPHd, TPHg  
EPA Method 8260B MTBE, BTEX, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE, Ethanol

**Waste Disposal:** 438 gallons purge and decon water transferred to the GET system on 01/10/06

**REMEDIATION SYSTEM SUMMARY**

**Air Sparge/Soil Vapor Extraction System**

The air sparge (AS) system injects air below the water table at one dual-completion AS/soil vapor extraction (SVE) well (AS/SVE1). The SVE system extracts soil vapor from the well using a positive displacement vacuum pump. Extracted soil vapor is abated using three 500-pound vapor-phase granular activated carbon (GAC) vessels prior to emission to the atmosphere. A moisture separator removes water from the vapor stream and pumps separated water to the groundwater extraction and treatment (GET) system for treatment. On a monthly basis, ERI collects vapor samples at influent, intermediate, and effluent ports to calculate hydrocarbon removal rates. The AS/SVE system was shut down on November 17, 2005, for remedial evaluation.

**Groundwater Extraction and Treatment System**

The GET system extracts groundwater from recovery wells RW1 and RW2 using submersible electric pumps. Extracted groundwater is directed through a particulate filter, three 500-pound liquid-phase GAC vessels and an additional particulate filter prior to discharge to the sanitary sewer system. ERI collects water samples monthly at influent, intermediate, and effluent sample ports, to ensure permit compliance and proper performance of the GET system.

**Domestic Wellhead Treatment System**

The wellhead treatment system at the Mayette Apartments (3725 Mayette Avenue) consists of two 500-pound liquid-phase GAC vessels, and a totalizing flow meter. Water generated by the wellhead treatment system is used for irrigation. The wellhead treatment system is sampled on a quarterly basis.

<b>System start-up dates:</b>	<u>AS/SVE System</u>	September 2000
	<u>GET System</u>	June 2001(NPDES); March 2005 (Sewer)
	<u>Wellhead System</u>	September 2004
<b>System discharge permits:</b>	<u>AS/SVE System</u>	Bay Area Air Quality Management District Permit No.12435
	<u>GET System</u>	City of Santa Rosa Wastewater Discharge Permit No. SR-GW6590
<b>System Reporting period:</b>		12/15/05 – 03/02/06
<b>System modifications during reporting period:</b>		None
<b>System status during reporting period</b>	<u>AS/SVE System</u>	Inactive
	<u>GET System</u>	Active
<b>Laboratory:</b>		Sequoia Analytical, Morgan Hill, California TestAmerica Incorporated, Nashville, Tennessee
<b>Effluent analyses performed:</b>	<u>GET System</u>	
	EPA Method 8015B	TPHg
	EPA Method 624	Volatile Organic Compounds
	<u>Wellhead System</u>	
	EPA Method 524.2	MTBE, BTEX, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE, Ethanol
<b>Discharge Permit non-compliance events and exceptions:</b>		None

**System Performance:**

AS/SVE System

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
To Date:	<1,197.9	<12.5	<14.6

GET System

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/15/05 – 03/02/06	550,593	<0.490	<0.013	<0.022
To Date:	2,526,149	<1.705	<0.045	<0.125

**DOCUMENT DISTRIBUTION**

ERI recommends forwarding copies of this report to:

Ms. Jo Bentz  
 California Regional Water Quality Control Board  
 North Coast Region  
 5550 Skylane Boulevard, Suite A  
 Santa Rosa, California 95403

Mr. Paul Lowenthal  
 City of Santa Rosa Fire Department  
 955 Sonoma Avenue  
 Santa Rosa, California 95404

Mr. Chris Murray  
 City of Santa Rosa Utilities Department  
 Environmental Services Section  
 4300 Llano Road  
 Santa Rosa, California 95407

Mr. Joseph A. Aldridge  
 Valero Energy Corporation  
 685 West Third Street  
 Hanford, California 93230

**LIMITATIONS**

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk

Please call Mr. James F. Chappell, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,  
Environmental Resolutions, Inc.

*Karen Navarro*  
Karen Navarro  
Technical Writer

Geoffrey V. Waterhouse  
P.G. 5019  
C.H.G. 334  
C.E.G. 1561



- Attachments: Table 1A: Cumulative Groundwater Monitoring and Sampling Data
- Table 1B: Additional Cumulative Groundwater Monitoring and Sampling Data
- Table 2: Cumulative Domestic Well Sampling Data
- Table 3: Well Construction Details
- Table 4: Cumulative Hydrocarbon Removal and Emissions for Soil Vapor Extraction System
- Table 5A: Operation and Performance Data for Groundwater Extraction and Treatment System
- Table 5B: Operation and Performance Data for Groundwater Extraction and Treatment System-Volatile Organic Compounds
- Table 5C: Operation and Performance Data for Groundwater Extraction and Treatment System - Organics
  
- Plate 1: Site Vicinity Map
- Plate 2: Select Analytical Results
- Plate 3: Groundwater Elevation Map, Upper Water-Bearing Zone
- Plate 4: Groundwater Elevation Map, Lower Water-Bearing Zone
  
- Attachment A: Groundwater Sampling Protocol
- Attachment B: Laboratory Analytical Reports and Chain-of-Custody Records
- Attachment C: Certification Statement

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 1 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	UST observation well, not monitored or sampled since 2/22/94.												
MW1	11/01/01	208.00	Well resurveyed in compliance with AB 2886 requirements.										
MW2	UST observation well, not monitored or sampled since 2/22/94.												
MW2	11/01/01	207.85	Well resurveyed in compliance with AB 2886 requirements.										
MW3	UST observation well, not monitored or sampled since 2/22/94.												
MW3	11/01/01	208.33	Well resurveyed in compliance with AB 2886 requirements.										
MW4	UST observation well, not monitored or sampled since 2/22/94.												
MW4	11/01/01	208.20	Well resurveyed in compliance with AB 2886 requirements.										
MW5	08/13/96	208.10	12.90	195.20	NLPH	---	4,000	<200	---	570	27	360	230
MW5	11/14/96	208.10	13.15	194.95	NLPH	---	4,400	<200	---	700.0	28	250	93
MW5	02/18/97	208.10	9.35	198.75	NLPH	---	3,800	<300	---	300.0	250.0	390.0	850.0
MW5	05/22/97	208.10	10.82	197.28	NLPH	---	1,500	470	---	55.0	8.6	4.4	15
MW5	a												
MW5	03/05/98	208.10	8.38	199.72	NLPH	---	12,000	170	---	440	1,000	930	2,700
MW5	05/18/98	208.10	9.13	198.97	NLPH	---	5,200	<100	---	210	130	470	620
MW5	08/17/98	208.11	11.28	196.83	NLPH	360	5,900	400	---	180	510	280	910
MW5	11/17/98	208.11	11.28	196.83	NLPH	270	2,600	310	---	170	22	16	72
MW5	02/10/99	208.11	7.33	200.78	NLPH	1,900	25,000	<250	---	520	3,100	1,500	6,000
MW5	05/12/99	208.11	10.03	198.08	NLPH	129	535	30.7	---	40.3	6.98	15.2	11.8
MW5	08/10/99	208.11	12.23	195.88	NLPH	498	2,280	328	---	<10	<10	32.8	10.1
MW5	11/22/99	208.11	11.18	196.93	NLPH	130	3,300	120	---	90	15	21	52.7
MW5	02/09/00	208.11	9.09	199.02	NLPH	160	2,400	49	---	120	50	130	340
MW5	5/30-31/00	208.11	9.21	198.90	NLPH	180	1,300	64	---	160	31	82	144
MW5	09/13/00	208.11	13.00	195.11	NLPH	360	1,200	240	---	56	13	12	27.4
MW5	12/08/00	208.11	11.37	196.74	NLPH	420c	2,000	260	---	82	8.1	12	30.4
MW5	01/18/01	208.11	10.24	197.87	NLPH	420c	13,000	170	86	480	630	1,000	3,410
MW5	05/31/01	208.11	10.84	197.27	NLPH	270	1,500	14	78	56	5.2	3	13
MW5	08/31/01	208.11	13.12	194.99	NLPH	130	2,700	160	190	250	19	61	124
MW5	11/01/01	208.13	Well resurveyed in compliance with AB 2886 requirements.										
MW5	11/29/01	208.13	8.94	199.19	NLPH	200	1,500	96	---	96	11	25	42.6
MW5	02/22/02	208.13	8.71	199.42	NLPH	414	2,200	57.0	27.6	204	36.0	273	423
MW5	05/21/02	208.13	10.14	197.99	NLPH	287	2,660	61.4	---	31.7	3.5	2.0	9.8
MW5	09/03/02	208.13	13.01	195.12	NLPH	315	1,900	145	288	32.4	4.2	4.9	14.5
MW5	11/27/02	208.13	12.22	195.91	NLPH	571	3,020	320	60.5	149	18.2	48.5	124
MW5	02/28/03	208.13	9.61	198.52	NLPH	1,090	17,200	64.0	32.0	420	138	1,380	3,170
MW5	05/21/03	208.13	9.57	198.56	NLPH	391	2,080	35.3	14.8	105	7.1	175	87.5
MW5	09/02/03	208.13	12.65	195.48	NLPH	583e	3,020	194	---	188	12.5	51	81.1
MW5	11/26/03	208.13	12.19	195.94	NLPH	439	2,870	343	304	91.2	11.7	25.5	40.8

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 2 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW5	02/12/04	208.13	9.18	198.95	NLPH	848e	4,940	---	45.5	157	20.6	398	382
MW5	04/26/04	208.13	10.17	197.96	NLPH	221	1,280	115	94.4	60.0	5.4	42.8	17.5
MW5	07/26/04	208.13	13.05	195.08	NLPH	165	1,700	73.8	65.7	84.6	5.8	28.2	25.7
MW5	10/18/04	208.13	13.22	194.91	NLPH	447e	3,290	---	70.1	37.8	6.30	34.5	30.8
MW5	11/24/04	208.13	11.82	196.31	NLPH	---	---	---	---	---	---	---	---
MW5	01/10/05	208.13	8.12	200.01	NLPH	1,540e	4,270	---	10.6	134	18.4	1,090	1,070
MW5	04/11/05	208.13	8.92	199.21	NLPH	585e	2,900	---	11.0	55.1	6.10	455	325
MW5	07/11/05	208.13	13.09	195.04	NLPH	1,830	16,900	---	10.6	182	18.1	1,200	1,850
MW5	10/10/05	208.13	13.20	194.93	NLPH	---	---	---	---	---	---	---	---
MW5	10/11/05	208.13	---	---	---	538e	4,840	---	18.3	83.1	6.33	29.5	41.5
<b>MW5</b>	<b>01/09/06</b>	<b>208.13</b>	<b>9.83</b>	<b>198.30</b>	<b>NLPH</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>MW5</b>	<b>01/10/06</b>	<b>208.13</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>803</b>	<b>3,710</b>	<b>---</b>	<b>6.69</b>	<b>23.4</b>	<b>2.53</b>	<b>773</b>	<b>375</b>
MW5C	01/10/05	208.36	7.44	200.92	NLPH	---	---	---	---	---	---	---	---
MW5C	01/11/05	208.36	---	---	---	230e	<50.0	---	5.80	<0.50	<0.50	1.50	3.80
MW5C	04/11/05	208.36	8.27	200.09	NLPH	125e	86.4	---	4.70	0.60	<0.50	4.90	10.5
MW5C	07/11/05	208.36	11.94	196.42	NLPH	---	---	---	---	---	---	---	---
MW5C	07/12/05	208.36	---	---	---	147	<50.0	---	1.80	<0.50	<0.50	<0.50	<0.50
MW5C	10/10/05	208.36	14.31	194.05	NLPH	---	---	---	---	---	---	---	---
MW5C	10/11/05	208.36	---	---	---	52.9e	<50.0	---	2.51	<0.500	<0.500	<0.500	<0.500
<b>MW5C</b>	<b>01/09/06</b>	<b>208.36</b>	<b>7.27</b>	<b>201.09</b>	<b>NLPH</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>MW5C</b>	<b>01/10/06</b>	<b>208.36</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>79.2</b>	<b>&lt;50.0</b>	<b>---</b>	<b>1.88</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>0.550</b>	<b>&lt;0.500</b>
MW6	08/13/96	208.23	12.54	195.69	NLPH	---	150	<30	---	<0.5	<0.5	<0.5	<0.5
MW6	11/14/96	208.23	13.18	195.05	NLPH	---	1,200	<30	---	<0.5	2.3	3.1	1.2
MW6	02/18/97	208.23	9.03	199.20	NLPH	---	420	<30	---	<0.5	<0.5	0.53	<0.5
MW6	05/22/97	208.23	10.87	197.36	NLPH	---	200	<30	---	<0.5	<0.5	<0.5	<0.5
MW6	a												
MW6	03/05/98	208.23	8.02	200.21	NLPH	---	170	<2.0	---	7.2	2.1	3.3	1.7
MW6	05/18/98	208.23	8.92	199.31	NLPH	---	150	11	---	3.0	<0.5	<0.5	<0.5
MW6	08/17/98	208.25	11.38	196.87	NLPH	220	390	14	---	<0.5	1.6	0.58	<0.5
MW6	11/17/98	208.25	11.42	196.83	NLPH	100	150	7.1	---	0.81	1.1	<0.5	<0.5
MW6	02/10/99	208.25	6.81	201.44	NLPH	82	250	14	---	5.0	1.4	<0.5	1.1
MW6	05/11/99	208.25	9.86	198.39	NLPH	81.1	228	4.15	---	<0.5	1.45	0.564	<0.5
MW6	08/10/99	208.25	12.20	196.05	NLPH	134	675	19.0	---	10.8	1.32	<1.0	<1.0
MW6	11/22/99	208.25	11.32	196.93	NLPH	57	890	5.7	---	<0.5	<0.5	0.77	1.09
MW6	02/09/00	208.25	9.15	199.10	NLPH	70	350	<2	---	1.5	<0.5	<0.5	<0.5
MW6	5/30-31/00	208.25	9.06	199.19	NLPH	<50	620	<2	---	2.6	<0.5	2.1	3.7
MW6	09/13/00	208.25	13.22	195.03	NLPH	<50	86	<2	---	0.72	1.2	<0.5	0.9
MW6	12/08/00	208.25	11.52	196.73	NLPH	340c	150	<2	---	1.7	<0.5	0.77	0.66
MW6	01/18/01	208.25	10.28	197.97	NLPH	84c	440	<2	---	<0.5	<0.5	1.3	1
MW6	05/31/01	208.25	10.93	197.32	NLPH	62	360	<2	---	<0.5	<0.5	0.89	<0.5
MW6	08/31/01	208.25	13.20	195.05	NLPH	460	670	<2	---	4.1	<0.5	.99	0.52

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 3 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	11/01/01	208.24	Well surveyed in compliance with AB 2886 requirements.										
MW6	11/29/01	208.24	8.90	199.34	NLPH	110	1,100	5.8	—	<0.5	<0.5	<0.5	<0.5
MW6	02/22/02	208.24	8.34	199.90	NLPH	<50.0	326	7.20	0.6	<0.50	<0.50	<0.50	<0.50
MW6	05/21/02	208.24	10.21	198.03	NLPH	82	447	6.3	—	2.2	0.8	0.7	3.9
MW6	09/03/02	208.24	13.06	195.18	NLPH	<50	163	3.8	1.00	0.8	<0.5	<0.5	<0.5
MW6	11/27/02	208.24	13.33	194.91	NLPH	<50	227	5.1	<0.50	2.2	0.6	0.6	0.5
MW6	02/28/03	208.24	9.31	198.93	NLPH	<50	110	2.1	<0.50	0.60	<0.5	<0.5	<0.5
MW6	05/21/03	208.24	9.47	198.77	NLPH	<50	259	3.8	<0.50	4.70	1.6	1.3	3.7
MW6	09/02/03	208.24	12.73	195.51	NLPH	76e	297	0.60	—	1.40	1.6	.6	<0.5
MW6	11/26/03	208.24	12.31	195.93	NLPH	<50	343	<0.5	—	2.70	0.8	0.9	1.5
MW6	02/12/04	208.24	8.99	199.25	NLPH	57e	534	—	0.80	2.60	0.7	<1.0	<3.0
MW6	04/26/04	208.24	10.23	198.01	NLPH	55	382	5.4	0.72	5.60	0.5	0.5	<0.5
MW6	07/26/04	208.24	12.53	195.71	NLPH	<50	140	3.3	0.80	2.70	<0.5	<0.5	<0.5
MW6	10/18/04	208.24	13.43	194.81	NLPH	<50	90.5	—	1.50	<0.50	<0.50	<0.50	<0.50
MW6	11/24/04	208.24	11.77	196.47	NLPH	—	—	—	—	—	—	—	—
MW6	01/05/05	208.24	7.69	200.55	NLPH	92e	409	—	1.10	<0.50	<0.50	<0.50	<0.50
MW6	04/11/05	208.24	8.56	199.68	NLPH	<50	74.6	—	1.40	0.60	<0.50	<0.50	<0.50
MW6	07/11/05	208.24	11.82	196.42	NLPH	<51	<50.0	—	1.10	<0.50	<0.50	<0.50	<0.50
MW6	10/10/05	208.24	13.23	195.01	NLPH	—	—	—	—	—	—	—	—
MW6	10/11/05	208.24	—	—	—	<50.0	137	—	0.710	<0.500	<0.500	<0.500	<0.500
<b>MW6</b>	<b>10/10/05</b>	<b>208.24</b>	<b>8.65</b>	<b>199.59</b>	<b>NLPH</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>MW6</b>	<b>10/11/05</b>	<b>208.24</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>&lt;50.0</b>	<b>191</b>	<b>—</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>2.99</b>	<b>7.09</b>
MW7	08/13/96	208.23	12.95	195.28	NLPH	—	44,000	<800	—	4,000	5,700	1,400	5,200
MW7	11/14/96	208.23	13.15	195.08	NLPH	—	25,000	<600	—	2,900	1,800	1,200	4,100
MW7	02/18/97	208.23	9.60	198.63	NLPH	—	39,000	6,500	—	5,700	11,000	1,500	7,900
MW7	05/22/97	208.23	10.81	197.42	NLPH	—	170,000	<2,000	—	19,000	44,000	5,500	27,000
MW7	a												
MW7	03/05/98	208.23	8.56	199.67	NLPH	—	14,000	900	—	1,600	3,100	530	2,400
MW7	05/18/98	208.23	9.28	198.95	NLPH	—	92,000	1,300	—	7,000	18,000	2,800	14,000
MW7	8/17 & 18/98	208.22	11.31	196.91	NLPH	3,400	110,000	3,500	—	8,600	24,000	3,600	17,000
MW7	11/17/98	208.22	11.28	196.94	NLPH	5,100	43,000	<250	—	5,200	9,600	2,000	8,500
MW7	02/10/99	208.22	7.71	200.51	NLPH	15,000	120,000	760	—	7,500	25,000	<250	21,000
MW7	05/12/99	208.22	10.05	198.17	NLPH	4,930	93,100	747	—	7,650	22,200	3,980	20,500
MW7	08/10/99	208.22	12.03	196.19	NLPH	8,980	93,200	1,130	—	8,130	11,800	3,660	16,300
MW7	11/22/99	208.22	11.16	197.06	NLPH	1,800	24,000	130	—	1,800	3,300	1,000	3,780
MW7	02/09/00	208.22	9.23	198.99	NLPH	2,800	99,000	510	—	7,300	17,000	4,300	19,300
MW7	5/30-31/00	208.22	9.43	198.79	NLPH	2,700	140,000	2,700	—	8,300	23,000	5,300	24,500
MW7	09/13/00	208.22	12.91	195.31	NLPH	830	7,400	360	—	1,100	37	480	1,070
MW7	12/08/00	208.22	11.34	196.88	NLPH	4,100c	110,000	1,100	—	8,800	20,000	4,400	21,400
MW7	01/18/01	208.22	10.25	197.97	NLPH	2,200c	120,000	1,300	1,300	7,900	22,000	4,800	22,800
MW7	05/31/01	208.22	10.82	197.40	NLPH	2,200	88,000	210	1,000	6,500	13,000	4,000	19,000
MW7	08/31/01	208.22	13.06	195.16	NLPH	<50	15,000	400	430	2,100	<12	1,100	896

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	11/01/01	208.23	Well surveyed in compliance with AB 2886 requirements.										
MW7	11/29/01	208.23	8.86	199.37	NLPH	6,100	83,000	870		720	6,900	1,600	16,600
MW7	02/22/02	208.23	8.91	199.32	NLPH	7,840	38,100	825	1,000	375	1,130	1,080	15,200
MW7	05/21/02	208.23	10.12	198.11	NLPH	10,100	50,800	220		335	1,120	795	12,200
MW7	09/03/02	208.23	12.97	195.26	NLPH	3,000	6,300	138	149	497	6.0	326	668
MW7	11/27/02	208.23	12.22	196.01	NLPH	1,070	1,390	35.5	30.0	89.3	3.1	93.5	44.2
MW7	02/28/03	208.23	9.70	198.53	NLPH	94	81.7	16.0	16.3	2.80	<0.5	3.6	2.3
MW7	05/21/03	208.23	9.64	198.59	NLPH	187	1,660	1,430	1,810	6.20	0.5	0.8	2.8
MW7	09/02/03	208.23	12.62	195.61	NLPH	1,070e	2,220	81.6		152	3.9	182	41.2
MW7	11/26/03	208.23	12.25	195.98	NLPH	70e	254			18.8	0.7	12.6	3.0
MW7	02/12/04	208.23	9.36	198.87	NLPH	51e	<100		20.5	1.00	<0.5	<0.5	<3.0
MW7	04/26/04	208.23	10.18	198.05	NLPH	<50	68.3	19.6	17.5	0.60	<0.5	<0.5	1.0
MW7	07/26/04	208.23	12.98	195.25	NLPH	72	117	29.5	27.8	6.40	<0.5	0.5	0.9
MW7	10/18/04	208.23	13.23	195.00	NLPH	262e	106		8.00	<0.50	<0.50	<0.50	<0.50
MW7	11/24/04	208.23	11.79	196.44	NLPH								
MW7	01/10/05	208.23	8.35	199.88	NLPH	104e	<50.0		4.70	<0.50	<0.50	<0.50	1.10
MW7	04/11/05	208.23	9.12	199.11	NLPH	906e	<50.0		16.2	<0.50	<0.50	<0.50	<0.50
MW7	07/11/05	208.23	13.19	195.04	NLPH	162	<50.0		1.50	0.60	<0.50	<0.50	<0.50
MW7	10/10/05	208.23	13.23	195.00	NLPH								
MW7	10/11/05	208.23				106e	301		4.03	<0.500	<0.500	<0.500	<0.500
MW7	01/09/06	208.23	9.95	198.28	NLPH								
MW7	01/10/06	208.23				1,240	<50.0		2.61	<0.500	<0.500	1.10	3.01
MW8	02/22/94	207.61											
MW8	05/22/97	207.61											
MW8	a												
MW8	03/05/98	207.61											
MW8	05/18/98	207.61	8.85	198.76	NLPH		330	680		26	6.6	12	38
MW8	8/17 & 18/98	207.63	10.82	196.81	NLPH	120	300	1,200		6.0	0.78	<0.5	2.7
MW8	11/17/98	207.63	10.71	196.92	NLPH	170	540	270		63	1.30	43	86
MW8	02/10/99	207.63	7.24	200.39	NLPH	270	240	240		15	1.8	9.7	25
MW8	05/11/99	207.63	9.57	198.06	NLPH	95.2	93.1	168		4.98	<0.5	3.14	1.81
MW8	08/10/99	207.63	11.58	196.05	NLPH	67.5	199	100		13.8	<0.5	0.767	0.554
MW8	11/22/99	207.63	10.64	196.99	NLPH	<50	970	63		43	1	4.7	4.45
MW8	02/09/00	207.63	8.72	198.91	NLPH	70	180	92		10	<0.5	4	2.7
MW8	5/30-31/00	207.63	8.81	198.82	NLPH	210	57	400		<0.5	<0.5	<0.5	<0.5
MW8	09/13/00	207.63	12.36	195.27	NLPH	52	77	200		2.5	1.4	<0.5	0.94
MW8	12/08/00	207.63	10.81	196.82	NLPH	210c	320	170		38	<0.5	17	4.5
MW8	01/18/01	207.63	9.74	197.89	NLPH	120c	100	140		6.4	<0.5	2.4	0.61
MW8	05/31/01	207.63	10.28	197.35	NLPH	<50	<250	130	130	3.5	<2.5	<2.5	<2.5
MW8	08/31/01	207.63	12.52	195.11	NLPH	72	<50	76	110	<0.5	<0.5	<0.5	<0.5
MW8	11/01/01	207.63	Well surveyed in compliance with AB 2886 requirements.										
MW8	11/29/01	207.63	8.49	199.14	NLPH	51	140	53		1.1	<0.5	1.7	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	02/22/02	207.63	8.42	199.21	NLPH	<50.0	110	84.5	123	1.90	<0.50	1.90	<0.50
MW8	05/21/02	207.63	9.60	198.03	NLPH	66	204	73.3	—	5.7	<0.5	6.9	1.3
MW8	09/03/02	207.63	12.47	195.16	NLPH	88	81.0	81.9	94.9	<0.5	<0.5	<0.5	<0.5
MW8	11/27/02	207.63	11.73	195.90	NLPH	<50	65.8	62.3	59.4	<0.5	<0.5	<0.5	<0.5
MW8	02/28/03	207.63	9.19	198.44	NLPH	<50	100	90.4	89.3	2.80	<0.5	<0.5	<0.5
MW8	05/21/03	207.63	9.14	198.49	NLPH	<50	90.1	72.2	75.2	<0.50	<0.5	<0.5	<0.5
MW8	09/02/03	207.63	12.12	195.51	NLPH	<50	<50	47.6	—	<0.50	0.5	<0.5	<0.5
MW8	11/26/03	207.63	11.76	195.87	NLPH	365	53.1	53.6	41.4	<0.50	<0.5	<0.5	<0.5
MW8	02/12/04	207.63	8.89	198.74	NLPH	<50	<50.0	—	40.4	<0.50	<0.5	<0.5	<0.5
MW8	04/26/04	207.63	9.67	197.96	NLPH	<50	<50.0	24.5	26.2	<0.50	0.6	<0.5	0.8
MW8	07/26/04	207.63	12.37	195.26	NLPH	<50	<50.0	25.5	19.9	<0.50	<0.5	<0.5	<0.5
MW8	10/18/04	207.63	12.67	194.96	NLPH	<50	<50.0	—	20.1	<0.50	<0.50	<0.50	<0.50
MW8	11/24/04	207.63	11.30	196.33	NLPH	—	—	—	—	—	—	—	—
MW8	01/10/05	207.63	7.89	199.74	NLPH	<50	<50.0	—	19.9	<0.50	<0.50	<0.50	<0.50
MW8	04/11/05	207.63	8.61	199.02	NLPH	<50	<50.0	—	28.0	<0.50	<0.50	<0.50	<0.50
MW8	07/11/05	207.63	12.70	194.93	NLPH	<50	87.4	—	36.6	<0.50	<0.50	<0.50	<0.50
MW8	10/10/05	207.63	12.71	194.92	NLPH	—	—	—	—	—	—	—	—
MW8	10/11/05	207.63	—	—	—	<50.0	<50.0	—	24.2	<0.500	<0.500	<0.500	<0.500
<b>MW8</b>	<b>01/09/06</b>	<b>207.63</b>	<b>9.44</b>	<b>198.19</b>	<b>NLPH</b>	—	—	—	—	—	—	—	—
<b>MW8</b>	<b>01/10/06</b>	<b>207.63</b>	—	—	—	<b>&lt;50.0</b>	<b>&lt;50.0</b>	—	<b>27.7</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>0.760</b>	<b>1.53</b>
MW9	08/13/96	207.39	11.94	195.45	NLPH	—	1,600	<30	—	120	5.7	2.8	3.5
MW9	11/14/96	207.39	12.45	194.94	NLPH	—	1,800	<30	—	53	2.4	2.4	3.4
MW9	02/18/97	207.39	9.00	198.39	NLPH	—	180	73	—	4.7	1.4	0.53	1.3
MW9	05/22/97	207.39	10.06	197.33	NLPH	—	<50	71	—	<0.5	<0.5	<0.5	<0.5
MW9	a												
MW9	03/05/98	207.39	8.20	199.19	NLPH	—	300	130	—	120	64	2.3	3.1
MW9	05/18/98	207.39	8.85	198.54	NLPH	—	750	130	—	170	3.5	4.1	2.3
MW9	8/17 & 18/98	207.39	10.39	197.00	NLPH	280	1,900	200	—	550	6.9	6.0	9.8
MW9	11/17/98	207.39	10.69	196.70	NLPH	310	1,100	130	—	210	7.8	3.2	6.9
MW9	02/10/99	207.39	7.37	200.02	NLPH	250	660	81	—	100	<2.5	<2.5	<2.5
MW9	05/12/99	207.39	9.59	197.80	NLPH	300	1,540	75.4	—	415	11.7	8.92	<2.5
MW9	08/10/99	207.39	11.26	196.13	NLPH	478	2,380	94.8	—	229	7.44	<5.0	<5.0
MW9	11/22/99	207.39	10.39	197.00	NLPH	81	370	34	—	28	0.94	1.6	1.84
MW9	02/09/00	207.39	8.87	198.52	NLPH	150	410	35	—	52	<0.5	1.5	0.9
MW9	5/30-31/00	207.39	8.93	198.46	NLPH	97	890	65	—	120	1.2	2.3	3.15
MW9	09/13/00	207.39	12.07	195.32	NLPH	55	370	47	—	14	2.9	0.73	1.7
MW9	12/08/00	207.39	10.65	196.74	NLPH	520c	1,600	<10	—	140	<2.5	5.3	5.8
MW9	01/18/01	207.39	9.65	197.74	NLPH	110c	610	36/22b	22	69	<0.5	2.3	3.53
MW9	05/31/01	207.39	10.11	197.28	NLPH	210	580	<10	—	36	<2.5	<2.5	<2.5
MW9	08/31/01	207.39	12.30	195.09	NLPH	140	1,000	16/11b	11	38	<0.5	2.7	5.1
MW9	11/01/01	207.39	Well surveyed in compliance with AB 2886 requirements.										
MW9	11/29/01	207.39	8.43	198.96	NLPH	180	1,300	11	—	5.9	<0.5	2.1	2.1

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	02/22/02	207.39	8.46	198.93	NLPH	64.0	285	37.7	29	5.80	0.60	1.10	1.50
MW9	05/21/02	207.39	9.41	197.98	NLPH	418	856	50.6		6.5	1.2	1.4	2.8
MW9	09/03/02	207.39	12.34	195.05	NLPH	106	363	32.1	39.2	3.2	<0.5	0.9	0.8
MW9	11/27/02	207.39	11.61	195.78	NLPH	300	377	32.9	31.4	4.9	<0.5	0.7	0.8
MW9	02/28/03	207.39	9.12	198.27	NLPH	<50	51.1	37.0	35.0	<0.50	<0.5	<0.5	<0.5
MW9	05/21/03	207.39	9.05	198.34	NLPH	51	88.6	28.1	26.8	0.60	<0.5	<0.5	<0.5
MW9	09/02/03	207.39	11.97	195.42	NLPH	53e	142	18.8	---	1.70	1.4	<0.5	<0.5
MW9	11/26/03	207.39	11.59	195.80	NLPH	117	230	10.9	6.40	0.50	0.6	0.7	1.2
MW9	02/12/04	207.39	8.85	198.54	NLPH	<50	51.4	---	16.6	<0.50	<0.5	<0.5	<0.5
MW9	04/26/04	207.39	9.51	197.88	NLPH	<50	111	12.1	11.8	1.00	0.5	<0.5	<0.5
MW9	07/26/04	207.39	12.03	195.36	NLPH	232	78.9	12.4	10.1	<0.50	<0.5	<0.5	<0.5
MW9	10/18/04	207.39	12.40	194.99	NLPH	<50	77.1	---	8.40	<0.50	<0.50	<0.50	<0.50
MW9	11/24/04	207.39	11.15	196.24	NLPH	---	---	---	---	---	---	---	---
MW9	01/10/05	207.39	8.01	199.38	NLPH	53e	<50.0	---	13.6	<0.50	<0.50	<0.50	<0.50
MW9	04/11/05	207.39	8.63	198.76	NLPH	<50	<50.0	---	10.4	<0.50	<0.50	<0.50	<0.50
MW9	07/11/05	207.39	12.99	194.40	NLPH	<50	<50.0	---	0.80	<0.50	<0.50	<0.50	<0.50
MW9	10/10/05	207.39	12.51	194.88	NLPH	---	---	---	---	---	---	---	---
MW9	10/11/05	207.39	---	---	---	<50.0	<50.0	---	0.870	<0.500	<0.500	<0.500	<0.500
<b>MW9</b>	<b>01/09/06</b>	<b>207.39</b>	<b>9.44</b>	<b>197.95</b>	<b>NLPH</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>MW9</b>	<b>01/10/06</b>	<b>207.39</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>54.7</b>	<b>&lt;50.0</b>	<b>---</b>	<b>4.63</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW10	08/13/96	206.93	11.43	195.50	NLPH	---	140	<30	---	<0.5	<0.5	<0.5	<0.5
MW10	11/14/96	206.93	12.20	194.73	NLPH	---	230	<30	---	<0.5	<0.5	<0.5	<0.5
MW10	02/18/97	206.93	9.08	197.85	NLPH	---	1,800	<30	---	6.9	17	4	5.4
MW10	05/22/97	206.93	9.99	196.94	NLPH	---	290	<30	---	<0.5	<0.5	<0.5	<0.5
MW10	a												
MW10	03/05/98	206.93	---	---	---	---	---	---	---	---	---	---	---
MW10	05/18/98	206.93	8.93	198.00	NLPH	---	2,200	350	---	48	5.9	<5.0	<5.0
MW10	8/17 & 18/98	206.95	10.49	196.46	NLPH	210	330	130	---	0.51	3.7	<0.5	<0.5
MW10	11/17/98	206.95	10.68	196.27	NLPH	73	<50	100	---	<0.5	<0.5	<0.5	<0.5
MW10	02/10/99	206.95	7.83	199.12	NLPH	1,300	1,900	410	---	<5.0	12	<5.0	<5.0
MW10	05/12/99	206.95	9.44	197.51	NLPH	438	1,370	395	---	9.67	<1.0	1.13	1.15
MW10	08/10/99	206.95	11.45	195.50	NLPH	<50	162	117	---	1.82	<0.5	<0.5	<0.5
MW10	11/22/99	206.95	9.54	197.41	NLPH	60	<250	79	---	<2.5	2.9	3.6	<2.5
MW10	02/09/00	206.95	8.85	198.10	NLPH	270	570	300	---	3.6	0.65	0.65	2.3
MW10	05/30/00	206.95	9.01	197.94	NLPH	---	---	---	---	---	---	---	---
MW10	06/06/00	206.95	9.75	197.20	NLPH	490	950	380	---	<0.5	<0.5	1.5	3.6
MW10	09/13/00	206.95	11.44	195.51	NLPH	<50	<50	89	---	<0.5	0.99	<0.5	0.57
MW10	12/08/00	206.95	10.51	196.44	NLPH	210c	<50	69	---	0.62	<0.5	<0.5	0.5
MW10	01/18/01	206.95	9.55	197.40	NLPH	88c	96	94/78b	78	0.6	<0.5	<0.5	<0.5
MW10	05/31/01	206.95	9.84	197.11	NLPH	72	60	100/92b	92	<0.5	<0.5	<0.5	<0.5
MW10	08/31/01	206.95	12.98	193.97	NLPH	<50	<50	49/73b	73	<0.5	<0.5	<0.5	<0.5
MW10	11/01/01	206.97											

Well surveyed in compliance with AB 2886 requirements.

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 7 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW10	11/29/01	206.97	8.61	198.36	NLPH	71	960	50	50	<0.5	<0.5	8.1	11.5
MW10	02/22/02	206.97	8.60	198.37	NLPH	317	635	139	210	4.20	2.20	1.60	4.00
MW10	05/21/02	206.97	9.22	197.75	NLPH	146	339	74.9	—	1.2	0.8	0.5	2.0
MW10	09/03/02	206.97	12.33	194.64	NLPH	<50	<50.0	41.5	47.0	<0.5	<0.5	<0.5	<0.5
MW10	11/27/02	206.97	11.59	195.38	NLPH	<50	<50.0	38.9	39.3	<0.5	<0.5	<0.5	<0.5
MW10	02/28/03	206.97	9.07	197.90	NLPH	233	495	104	110	<0.50	0.8	0.8	1.4
MW10	05/21/03	206.97	9.01	197.96	NLPH	277	602	88.1	86.4	4.90	0.7	<0.5	1.4
MW10	09/02/03	206.97	11.91	195.06	NLPH	<50	<50	38.0	—	<0.5	<0.5	<0.5	<0.5
MW10	11/26/03	206.97	11.26	195.71	NLPH	85	<50.0	33.6	25.7	<0.50	<0.5	<0.5	0.7
MW10	02/12/04	206.97	8.92	198.05	NLPH	155e	180	—	79.3	0.60	<0.5	<0.5	<0.5
MW10	04/26/04	206.97	9.41	197.56	NLPH	<50	70.6	47.1	44.1	<0.50	<0.5	<0.5	<0.5
MW10	07/26/04	206.97	11.02	195.95	NLPH	<50	<50.0	32.5	25.2	<0.50	<0.5	<0.5	<0.5
MW10	10/18/04	206.97	g	g	g	f	f	f	f	f	f	f	f
MW10	11/24/04	206.97	11.10	195.87	NLPH	—	—	—	—	—	—	—	—
MW10	01/10/05	206.97	8.11	198.86	NLPH	—	—	—	—	—	—	—	—
MW10	01/11/05	206.97	—	—	—	167e	59.1	—	35.6	<0.50	<0.50	<0.50	<0.50
MW10	04/11/05	206.97	8.66	198.31	NLPH	95e	<50.0	—	26.7	0.60	<0.50	<0.50	<0.50
MW10	07/11/05	206.97	10.01	196.96	NLPH	<50	<50.0	—	14.9	<0.50	<0.50	<0.50	<0.50
MW10	10/10/05	206.97	12.31	194.66	NLPH	<50.0	<50.0	—	10.4	<0.500	<0.500	<0.500	<0.500
<b>MW10</b>	<b>01/09/06</b>	<b>206.97</b>	<b>8.27</b>	<b>198.70</b>	<b>NLPH</b>	<b>&lt;50.0</b>	<b>&lt;50.0</b>	<b>—</b>	<b>10.7</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW11	08/13/96	208.03	12.81	195.22	NLPH	—	1,100	<30	—	16	4.9	1.4	8.9
MW11	11/14/96	208.03	12.87	195.16	NLPH	—	1,500	<30	—	22	4.6	11	4.8
MW11	02/18/97	208.03	9.30	198.73	NLPH	—	390	<30	—	<0.5	<0.5	2.1	0.78
MW11	05/22/97	208.03	10.59	197.44	NLPH	—	320	<30	—	0.81	<0.5	1.5	0.5
MW11	a												
MW11	03/05/98	208.03	8.36	199.67	NLPH	—	110	<2.0	—	0.50	<0.5	1.1	3.6
MW11	05/18/98	208.03	9.04	198.99	NLPH	—	<50	2.7	—	0.80	<0.5	<0.5	<0.5
MW11	08/17/98	208.04	11.09	196.95	NLPH	210	950	44	—	13	<5.0	30	9.3
MW11	11/17/98	208.04	11.03	197.01	NLPH	130	360	14	—	2.8	3.5	5.9	2.1
MW11	02/10/99	208.04	7.62	200.42	NLPH	65	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW11	05/11/99	208.04	9.89	198.15	NLPH	75.8	174	<2.0	—	<0.5	1.32	7.11	<0.5
MW11	08/10/99	208.04	11.77	196.27	NLPH	80.8	462	<5.0	—	6.12	<1.0	2.04	<1.0
MW11	11/22/99	208.04	10.89	197.15	NLPH	52	350	5.1	—	<1	1.9	3.3	2.6
MW11	02/09/00	208.04	8.96	199.08	NLPH	120	530	<2	—	3.2	<0.5	0.59	<0.5
MW11	5/30-31/00	208.04	8.69	199.35	NLPH	<59	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW11	09/13/00	208.04	12.67	195.37	NLPH	87	280	<2	—	11	12	4	5.9
MW11	12/08/00	208.04	11.11	196.93	NLPH	480c	440	<2	—	3.2	1.3	3.4	1.1
MW11	01/18/01	208.04	10.03	198.01	NLPH	220c	340	<2	—	<0.5	1.3	33	5.3
MW11	05/31/01	208.04	10.60	197.44	NLPH	<50	410	<10	—	<2.5	<2.5	<2.5	<2.5
MW11	08/31/01	208.04	12.83	195.21	NLPH	73	440	<2	—	2	<0.5	1.3	0.63
MW11	11/01/01	208.02	Well surveyed in compliance with AB 2886 requirements.										
MW11	11/29/01	208.02	8.60	199.42	NLPH	730	830	3.1	—	<0.5	0.73	34	2.82

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 8 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	02/22/02	208.02	8.70	199.32	NLPH	53.0	<50.0	0.50	0.8	<0.50	<0.50	0.90	0.70
MW11	05/21/02	208.02	9.87	198.15	NLPH	55	87.5	2.1	—	<0.5	<0.5	<0.5	<0.5
MW11	09/03/02	208.02	12.77	195.25	NLPH	98	183	8.6	9.90	0.7	<0.5	7.1	2.9
MW11	11/27/02	208.02	12.02	196.00	NLPH	<50	70.6	5.0	3.50	0.7	<0.5	<0.5	0.7
MW11	02/28/03	208.02	9.52	198.50	NLPH	1,010	259	16.4	15.5	1.10	0.5	9.8	14.4
MW11	05/21/03	208.02	9.44	198.58	NLPH	<50	<50.0	2.0	1.90	<0.50	<0.5	<0.5	1.3
MW11	09/02/03	208.02	12.41	195.61	NLPH	<50	<50.0	2.30	—	<0.50	<0.50	<0.50	<0.50
MW11	11/26/03	208.02	12.58	195.44	NLPH	<50	<50.0	1.3	0.80	<0.50	<0.5	<0.5	<0.5
MW11	02/12/04	208.02	9.13	198.89	NLPH	<50	<50.0	—	1.20	<0.50	<0.5	<0.5	<0.5
MW11	04/26/04	208.02	10.01	198.01	NLPH	<50	<50.0	1.7	1.60	<0.50	<0.5	<0.5	<0.5
MW11	07/26/04	208.02	12.79	195.23	NLPH	<50	<50.0	1.6	1.20	<0.50	<0.5	<0.5	<0.5
MW11	10/18/04	208.02	13.06	194.96	NLPH	<50	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
MW11	11/24/04	208.02	11.61	196.41	NLPH	—	—	—	—	—	—	—	—
MW11	01/10/05	208.02	8.20	199.82	NLPH	56e	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW11	04/11/05	208.02	8.90	199.12	NLPH	<50	<50.0	—	1.40	<0.50	<0.50	<0.50	<0.50
MW11	07/11/05	208.02	13.04	194.98	NLPH	<50	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
MW11	10/10/05	208.02	12.98	195.04	NLPH	—	—	—	—	—	—	—	—
MW11	10/11/05	208.02	—	—	—	<50.0	<50.0	—	<0.500	<0.500	<0.500	<0.500	<0.500
MW11	01/09/06	208.02	9.81	198.21	NLPH	—	—	—	—	—	—	—	—
MW11	01/10/06	208.02	—	—	—	212	<50.0	—	1.82	<0.500	<0.500	<0.500	<0.500
MW12	08/13/96	208.59	13.13	195.46	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW12	11/14/96	208.59	13.86	194.73	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW12	02/18/97	208.59	10.72	197.87	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW12	05/22/97	208.59	11.64	196.95	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW12	a	—	—	—	—	—	—	—	—	—	—	—	—
MW12	03/05/98	208.59	—	—	—	—	—	—	—	—	—	—	—
MW12	05/18/98	208.61	10.58	198.03	NLPH	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW12	08/17/98	208.61	12.12	196.49	NLPH	50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW12	11/17/98	208.61	11.69	196.92	NLPH	55	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW12	02/10/99	208.61	9.23	199.38	NLPH	74	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW12	05/11/99	208.61	11.91	196.70	NLPH	<50	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
MW12	08/10/99	208.61	13.13	195.48	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW12	11/22/99	208.61	11.61	197.00	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	02/09/00	208.61	10.53	198.08	NLPH	60	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	05/30/00	208.61	10.60	198.01	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	09/13/00	208.61	12.99	195.62	NLPH	<50	<50	<2	—	<0.5	0.56	<0.5	<0.5
MW12	12/08/00	208.61	12.18	196.43	NLPH	200c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	01/18/01	208.61	11.22	197.39	NLPH	84c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	05/31/01	208.61	11.49	197.12	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	08/31/01	208.61	13.79	194.82	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW12	11/01/01	208.62	Well surveyed in compliance with AB 2886 requirements.				<50	<50	<2	—	<0.5	<0.5	<0.5
MW12	11/29/01	208.62	10.46	198.16	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 9 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW12	02/22/02	208.62	12.76	195.86	NLPH	<50.0	<50.0	1.00	---	<0.50	<0.50	0.50	<0.50
MW12	05/21/02	208.62	10.88	197.74	NLPH	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	1.8
MW12	09/03/02	208.62	13.97	194.65	NLPH	57	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW12	11/27/02	208.62	13.26	195.36	NLPH	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW12	02/28/03	208.62	10.73	197.89	NLPH	<50	<50.0	<0.5	<0.50	<0.50	<0.5	<0.5	<0.5
MW12	05/21/03	208.62	10.64	197.98	NLPH	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW12	09/02/03	208.62	13.60	195.02	NLPH	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW12	11/26/03	208.62	12.96	195.66	NLPH	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW12	02/12/04	208.62	10.60	198.02	NLPH	190e	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW12	04/26/04	208.62	10.80	197.82	NLPH	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW12	07/26/04	208.62	13.56	195.06	NLPH	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW12	10/18/04	208.62	g	g	g	<50g	<50.0g	---	<0.50g	<0.50g	<0.50g	<0.50g	<0.50g
MW12	11/24/04	208.62	12.79	195.83	NLPH	---	---	---	---	---	---	---	---
MW12	01/10/05	208.62	9.79	198.83	NLPH	<50	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW12	04/11/05	208.62	10.33	198.29	NLPH	<50	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW12	07/11/05	208.62	11.49	197.13	NLPH	<50	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW12	10/10/05	208.62	13.96	194.66	NLPH	<50.0	<50.0	---	<0.500	<0.500	<0.500	<0.500	<0.500
<b>MW12</b>	<b>01/09/06</b>	<b>208.62</b>	<b>9.81</b>	<b>198.81</b>	<b>NLPH</b>	<b>&lt;50.0</b>	<b>&lt;50.0</b>	<b>---</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW13	08/13/96	207.83	12.07	195.76	NLPH	---	<50	<30	---	<0.5	<0.5	<0.5	<0.5
MW13	11/14/96	207.83	12.57	195.26	NLPH	---	<50	<30	---	<0.5	<0.5	<0.5	1
MW13	02/18/97	207.83	13.06	194.77	NLPH	---	<50	<30	---	<0.5	<0.5	<0.5	<0.5
MW13	05/22/97	207.83	10.30	197.53	NLPH	---	<50	<30	---	<0.5	<0.5	<0.5	<0.5
MW13	a												
MW13	03/05/98	207.83	---	---	---	---	---	---	---	---	---	---	---
MW13	05/18/98	207.83	8.86	198.97	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW13	08/17/98	207.85	10.82	197.03	NLPH	80	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW13	11/17/98	207.85	10.68	197.17	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW13	02/10/99	207.85	6.43	201.42	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW13	05/11/99	207.85	9.53	198.32	NLPH	<50	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW13	08/10/99	207.85	11.53	196.32	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW13	11/22/99	207.85	10.54	197.31	NLPH	<50	<50	<2	---	<0.5	<0.5	<0.5	1.3
MW13	02/09/00	207.85	8.73	199.12	NLPH	80	<50	<2	---	0.87	<0.5	<0.5	1.1
MW13	05/30/00	207.85	8.56	199.29	NLPH	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW13	09/13/00	207.85	12.34	195.51	NLPH	<50	<50	<2	---	0.74	1.2	<0.5	0.61
MW13	12/08/00	207.85	10.80	197.05	NLPH	210c	<50	<2	---	0.58	<0.5	<0.5	<0.5
MW13	01/18/01	207.85	9.78	198.07	NLPH	85c	61	<2	---	<0.5	<0.5	<0.5	<0.5
MW13	05/31/01	207.85	10.31	197.54	NLPH	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW13	08/31/01	207.85	12.53	195.32	NLPH	86	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW13	11/01/01	207.85	Well surveyed in compliance with AB 2886 requirements.										
MW13	11/29/01	207.85	8.28	199.57	NLPH	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW13	02/22/02	207.85	10.01	197.84	NLPH	<50.0	<50.0	<0.50	---	<0.50	<0.50	0.80	<0.50
MW13	05/21/02	207.85	9.52	198.33	NLPH	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 10 of 17)

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW13	09/03/02	207.85	12.51	195.34	NLPH	84	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW13	11/27/02	207.85	11.72	196.13	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW13	02/28/03	207.85	9.21	198.64	NLPH	<50	<50.0	<0.5	<0.50	<0.50	<0.5	<0.5	<0.5
MW13	05/21/03	207.85	9.24	198.61	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW13	09/02/03	207.85	10.12	197.73	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW13	11/26/03	207.85	11.66	196.19	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW13	02/12/04	207.85	8.96	198.89	NLPH	191e	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
MW13	04/26/04	207.85	9.71	198.14	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW13	07/26/04	207.85	12.13	195.72	NLPH	66	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW13	10/18/04	207.85	g	g	g	<50g	<50.0g	—	<0.50g	<0.50g	<0.50g	<0.50g	<0.50g
MW13	11/24/04	207.85	11.31	196.54	NLPH	—	—	—	—	—	—	—	—
MW13	01/10/05	207.85	8.50	199.35	NLPH	—	—	—	—	—	—	—	—
MW13	01/11/05	207.85	—	—	—	66e	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW13	04/11/05	207.85	8.75	199.10	NLPH	<50	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW13	07/11/05	207.85	11.65	196.20	NLPH	<50	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW13	10/10/05	207.85	12.67	195.18	NLPH	<50.0	<50.0	—	<0.500	<0.500	<0.500	<0.500	<0.500
<b>MW13</b>	<b>01/09/06</b>	<b>207.85</b>	<b>8.96</b>	<b>198.89</b>	<b>NLPH</b>	<b>&lt;50.0</b>	<b>&lt;50.0</b>	<b>—</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW14	08/13/96	207.43	12.45	194.98	NLPH	—	70	<30	—	2.3	0.7	<0.5	<0.5
MW14	11/14/96	207.43	12.92	194.51	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW14	02/18/97	Well destroyed.											
MW15	08/13/96	207.65	13.45	194.20	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW15	11/14/96	207.65	13.53	194.12	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW15	02/18/97	207.65	8.80	198.85	NLPH	—	<50	<30	—	0.85	1.8	1.3	5.6
MW15	05/22/97	207.65	11.6	196.05	NLPH	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
MW15	a												
MW15	03/05/98	207.65	—	—	—	—	—	—	—	—	—	—	—
MW15	05/18/98	207.65	8.59	199.06	NLPH	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW15	08/17/98	207.65	12.71	194.94	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW15	11/17/98	207.68	12.03	195.65	NLPH	73	<50	20	—	3.7	<0.5	<0.5	<0.5
MW15	02/10/99	207.68	6.21	201.47	NLPH	<50	<50	3.2	—	0.54	1.6	<0.5	2.3
MW15	05/11/99	207.68	10.57	197.11	NLPH	<50	<50	<2.0	—	<0.5	1.78	<0.5	<0.5
MW15	08/10/99	207.68	13.55	194.13	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW15	11/22/99	207.68	11.98	195.70	NLPH	<50	<50	5	—	<0.5	<0.5	<0.5	<0.5
MW15	02/09/00	207.68	8.98	198.70	NLPH	80	<50	4.5	—	<0.5	<0.5	<0.5	<0.5
MW15	05/30/00	207.68	8.95	198.73	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW15	09/13/00	207.68	14.53	193.15	NLPH	<50	<50	16	—	<0.5	0.97	<0.5	0.81
MW15	12/08/00	207.68	12.15	195.53	NLPH	310c	<50	4.8	—	0.91	<0.5	0.85	0.83
MW15	01/18/01	207.68	10.96	196.72	NLPH	82c	<50	9.6	—	<0.5	<0.5	<0.5	<0.5
MW15	05/31/01	207.68	12.20	195.48	NLPH	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
MW15	08/31/01	207.68	15.04	192.64	NLPH	<50	<50	5.5	10	<0.5	<0.5	<0.5	<0.5
MW15	11/01/01	207.80	Well surveyed in compliance with AB 2886 requirements.										





**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW17	11/29/01	208.34	8.68	199.66	NLPH	50	<50	<2	—	1	<0.5	<0.5	<0.5
MW17	02/22/02	208.34	8.31	200.03	NLPH	<50.0	<50.0	<0.50	—	<0.50	<0.50	<0.50	<0.50
MW17	05/21/02	208.34	10.11	198.23	NLPH	70	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW17	09/03/02	208.34	12.59	195.75	NLPH	187	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW17	11/27/02	208.34	12.27	196.07	NLPH	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
MW17	02/28/03	208.34	—	—	NLPH	—	—	—	—	—	—	—	—
MW17	05/21/03	208.34	9.41	198.93	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW17	09/02/03	208.34	12.69	195.65	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW17	11/26/03	208.34	12.30	196.04	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW17	02/12/04	208.34	8.92	199.42	NLPH	81e	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
MW17	04/26/04	208.34	10.17	198.17	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW17	07/26/04	208.34	10.64	197.70	NLPH	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
MW17	10/18/04	208.34	g	g	g	f	f	f	f	f	f	f	f
MW17	10/24/04	208.34	11.72	196.62	NLPH	—	—	—	—	—	—	—	—
MW17	01/10/05	208.34	7.61	200.73	NLPH	<50	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW17	04/11/05	208.34	8.46	199.88	NLPH	<50	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW17	07/11/05	208.34	11.62	196.72	NLPH	<50	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
MW17	10/10/05	208.34	13.17	195.17	NLPH	—	—	—	—	—	—	—	—
MW17	10/11/05	208.34	—	—	—	<50.0	<50.0	—	0.640	<0.500	<0.500	<0.500	<0.500
MW17	01/09/06	208.34	8.36	199.98	NLPH	—	—	—	—	—	—	—	—
MW17	01/10/06	208.34	—	—	—	<50.0	<50.0	—	<0.500	<0.500	<0.500	<0.500	<0.500
MW18	08/13/96	207.58	12.35	195.23	NLPH	—	—	—	—	—	—	—	—
MW18	11/14/96	207.58	12.93	194.65	NLPH	—	—	—	—	—	—	—	—
MW18	02/18/97	207.58	9.63	197.95	NLPH	—	—	—	—	—	—	—	—
MW18	05/22/97	207.58	10.72	196.86	NLPH	—	—	—	—	—	—	—	—
MW18	03/05/98	207.58	—	—	—	—	—	—	—	—	—	—	—
MW18	05/18/98	207.58	9.28	198.30	NLPH	—	330	1,400	—	4.4	5.7	<2.0	3.6
MW18	08/18/98	207.59	—	—	NLPH	—	—	—	—	—	—	—	—
MW18	11/17/98	207.59	11.01	196.58	NLPH	150	220	390	—	5.6	0.96	<0.5	1.3
MW18	02/10/99	207.59	8.13	199.46	NLPH	170	340	620	—	0.76	1.50	<0.5	1.9
MW18	05/12/99	207.59	10.01	197.58	NLPH	119	529	605	—	<2.5	<2.5	<2.5	<2.5
MW18	08/10/99	207.59	12.21	195.38	NLPH	73.7	228	308	—	1.85	<0.5	<0.5	<0.5
MW18	11/22/99	207.59	10.87	196.72	NLPH	1,700	130	270	—	<0.5	<0.5	<0.5	1.19
MW18	02/09/00	207.59	9.62	197.97	NLPH	180	270	240	—	1.4	<0.5	<0.5	1.1
MW18	5/30-31/00	207.59	9.49	198.10	NLPH	<50	<50	250	—	<0.5	<0.5	<0.5	<0.5
MW18	09/13/00	207.59	12.68	194.91	NLPH	75	120	210	—	2.8	5.5	1.1	4.9
MW18	12/08/00	207.59	11.18	196.41	NLPH	290c	420	230	—	<0.5	<0.5	0.54	1.2
MW18	01/18/01	207.59	10.12	197.47	NLPH	140c	230	190	140	2.2	<0.5	<0.5	0.7
MW18	05/31/01	207.59	10.61	196.98	NLPH	140	<250	270	230	0.78	<0.5	<0.5	0.77
MW18	08/31/01	207.59	12.96	194.63	NLPH	<50	250	190	150	0.95	<0.5	<0.5	0.53
MW18	11/01/01	207.58	Well surveyed in compliance with AB 2886 requirements.				—	—	—	—	—	—	—
MW18	11/29/01	207.58	9.50	198.08	NLPH	160	280	150	—	<0.5	<0.5	<0.5	0.6

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW18	02/22/02	207.58	8.77	198.81	NLPH	130	318	169	236	1.30	0.50	<0.50	1.90
MW18	05/21/02	207.58	10.01	197.57	NLPH	241	654	145		1.8	0.6	0.6	2.5
MW18	09/03/02	207.58	12.95	194.63	NLPH	189	503	108		1.9	0.7	0.8	1.9
MW18	11/27/02	207.58	12.17	195.41	NLPH	181	532	137	139	3.5	1.0	1.0	2.7
MW18	02/28/03	207.58	9.49	198.09	NLPH	164	430	140	145	<0.50	0.8	<0.5	1.0
MW18	05/21/03	207.58	9.55	198.03	NLPH	214	582	132	135	2.20	<0.5	<0.5	1.2
MW18	09/02/03	207.58	12.59	194.99	NLPH	202e	434	100	---	2.00	0.5	0.5	1.6
MW18	11/26/03	207.58	12.01	195.57	NLPH	53	122	72.8	59.6	<0.50	<0.5	<0.5	<0.5
MW18	02/12/04	207.58	9.27	198.31	NLPH	171e	509	80.8b	80.8	2.30	0.7	0.5	1.2
MW18	04/26/04	207.58	10.05	197.53	NLPH	116	314	98.1	100	1.20	<0.5	<0.5	1.0
MW18	07/26/04	207.58	12.52	195.06	NLPH	98	198	86.2	74.0	<0.50	<0.5	<0.5	0.9
MW18	10/18/04	207.58	13.01	194.57	NLPH	<50	171	---	132	0.80	<0.50	<0.50	<0.50
MW18	11/24/04	207.58	11.66	195.92	NLPH	---	---	---	---	---	---	---	---
MW18	01/10/05	207.58	8.23	199.35	NLPH	175e	205	---	36.2	<0.50	<0.50	<0.50	<0.50
MW18	04/11/05	207.58	8.92	198.66	NLPH	61e	269	---	71.3	<0.50	<0.50	<0.50	<0.50
MW18	07/11/05	207.58	11.63	195.95	NLPH	56	75.3	---	41.5	<0.50	<0.50	<0.50	<0.50
MW18	10/10/05	207.58	13.10	194.48	NLPH	---	---	---	---	---	---	---	---
MW18	10/11/05	207.58	---	---	---	126e	<50.0	---	44.2	<0.500	<0.500	<0.500	<0.500
<b>MW18</b>	<b>01/09/06</b>	<b>207.58</b>	<b>9.04</b>	<b>198.54</b>	<b>NLPH</b>	---	---	---	---	---	---	---	---
<b>MW18</b>	<b>01/10/06</b>	<b>207.58</b>	---	---	---	<b>107</b>	<b>52.3</b>	---	<b>28.8</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW19	02/18/97	NA	9.45	NA	NLPH	---	2,600	<30	---	17	<0.5	96	30
MW19	05/22/97	NA	10.92	NA	NLPH	---	1,300	<30	---	2.5	8	68	8.7
MW19	a												
MW19	03/05/98	NA	---	---	---	---	---	---	---	---	---	---	---
MW19	05/18/98	NA	9.14	NA	NLPH	---	62	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW19	08/17/98	208.17	11.47	196.70	NLPH	58	75	16	---	1.1	<0.5	1.0	0.83
MW19	11/17/98	208.17	11.52	196.65	NLPH	73	95	47	---	<0.5	0.68	0.74	1.3
MW19	02/10/99	208.17	6.91	201.26	NLPH	67	190	4.1	---	1.1	<0.5	7.4	4.7
MW19	05/11/99	208.17	10.01	198.16	NLPH	59.0	125	2.22	---	<0.5	<0.5	0.772	<0.5
MW19	08/10/99	208.17	12.07	196.10	NLPH	117	559	48.2	---	1.35	0.795	8.72	10.5
MW19	11/22/99	208.17	11.38	196.79	NLPH	82	400	52	---	<0.5	<0.5	1.5	5.75
MW19	02/09/00	208.17	8.90	199.27	NLPH	80	120	6.7	---	<0.5	<0.5	1.6	0.65
MW19	05/30/00	208.17	8.57	199.60	NLPH	---	---	---	---	---	---	---	---
MW19	06/06/00	208.17	10.66	197.51	NLPH	56	580	<2	---	3.6	<0.5	6.9	4.9
MW19	09/13/00	208.17	13.23	194.94	NLPH	51	140	63	---	1.2	1.1	0.75	1.3
MW19	12/08/00	208.17	11.52	196.65	NLPH	250c	260	120	---	<0.5	<0.5	<0.5	1.78
MW19	01/18/01	208.17	10.31	197.86	NLPH	110c	130	45	---	0.97	<0.5	<0.5	<0.5
MW19	05/31/01	208.17	10.19	197.98	NLPH	<50	58	3.5	19	d	<0.5	<0.5	<0.5
MW19	08/31/01	208.17	13.35	194.82	NLPH	880	290	50	54	1.5	<0.5	<0.5	1.1
MW19	11/01/01	208.29	Well surveyed in compliance with AB 2886 requirements.										
MW19	11/29/01	208.29	8.90	199.39	NLPH	130	380	140		<0.5	<0.5	<0.5	<0.5
MW19	02/22/02	208.29	8.52	199.77	NLPH	<50.0	133	5.90	2.4	0.70	<0.50	1.10	0.50

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW19	05/21/02	208.29	10.28	198.01	NLPH	<50	215	9.1	---	0.7	<0.5	<0.5	0.9
MW19	09/03/02	208.29	13.11	195.18	NLPH	<50	439	15.7	9.40	1.5	<0.5	0.9	0.8
MW19	11/27/02	208.29	12.32	195.97	NLPH	<50	522	121	102	2.3	0.7	1.1	2.5
MW19	02/28/03	208.29	9.46	198.83	NLPH	<50	100	4.05	4.20	0.60	<0.5	<0.5	<0.5
MW19	05/21/03	208.29	9.60	198.69	NLPH	<50	<50.0	1.6	0.90	<0.50	<0.5	<0.5	<0.5
MW19	09/02/03	208.29	12.76	195.53	NLPH	<50	<50.0	31.6	---	<0.50	<0.5	<0.5	<0.5
MW19	11/26/03	208.29	12.31	195.98	NLPH	227	417	129	105	4.30	0.5	<0.5	<0.5
MW19	02/12/04	208.29	9.11	199.18	NLPH	<50	<50.0	---	3.20	<0.50	<0.5	<0.5	<0.5
MW19	04/26/04	208.29	10.25	198.04	NLPH	52	328	11.5	6.90	3.80	0.6	<0.5	0.8
MW19	07/26/04	208.29	g	g	g	<50g	<50.0g	3.2g	2.50g	<0.50g	<0.5g	<0.5g	<0.5g
MW19	10/18/04	208.29	g	g	g	255e,g	667g	---	18.6g	<0.50g	<0.50g	<0.50g	<0.50g
MW19	11/24/04	208.29	11.85	196.44	NLPH	---	---	---	---	---	---	---	---
MW19	01/10/05	208.29	7.79	200.50	NLPH	---	---	---	---	---	---	---	---
MW19	01/11/05	208.29	---	---	---	62e	82.1	---	1.70	<0.50	<0.50	1.70	<0.50
MW19	04/11/05	208.29	8.72	199.57	NLPH	<50	115	---	0.60	<0.50	<0.50	1.10	<0.50
MW19	07/11/05	208.29	12.49	195.80	NLPH	---	---	---	---	---	---	---	---
MW19	07/12/05	208.29	---	---	---	<50	170	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW19	10/10/05	208.29	13.27	195.02	NLPH	---	---	---	---	---	---	---	---
MW19	10/11/05	208.29	---	---	---	<50.0	449	---	<0.500	<0.500	<0.500	<0.500	<0.500
MW19	01/09/06	208.29	8.99	199.30	NLPH	---	---	---	---	---	---	---	---
MW19	01/10/06	208.29	---	---	---	<50.0	<50.0	---	<0.500	<0.500	<0.500	<0.500	<0.500
MW20A	01/10/05	207.86	8.17	199.69	NLPH	---	---	---	---	---	---	---	---
MW20A	01/11/05	207.86	---	---	---	57e	<50.0	---	2.70	<0.50	<0.50	<0.50	1.00
MW20A	04/11/05	207.86	9.17	198.69	NLPH	---	---	---	---	---	---	---	---
MW20A	04/12/05	207.86	---	---	---	<50	<50.0	---	1.50	4.30	<0.50	0.60	0.90
MW20A	07/11/05	207.86	11.32	196.54	NLPH	---	---	---	---	---	---	---	---
MW20A	07/12/05	207.86	---	---	---	<50	<50.0	---	1.40	<0.50	<0.50	<0.50	<0.50
MW20A	10/10/05	207.86	13.93	193.93	NLPH	<50.0	<50.0	---	1.58	<0.500	<0.500	<0.500	<0.500
MW20A	01/09/06	207.86	8.77	199.09	NLPH	---	---	---	---	---	---	---	---
MW20A	01/10/06	207.86	---	---	---	55.0	<50.0	---	0.960	<0.500	<0.500	<0.500	<0.500
MW20C	01/10/05	207.34	7.37	199.97	NLPH	---	---	---	---	---	---	---	---
MW20C	01/11/05	207.34	---	---	---	299e	<50.0	---	0.80	<0.50	<0.50	<0.50	<0.50
MW20C	04/11/05	207.34	8.16	199.18	NLPH	---	---	---	---	---	---	---	---
MW20C	04/12/05	207.34	---	---	---	69e	<50.0	---	1.00	<0.50	<0.50	<0.50	<0.50
MW20C	07/11/05	207.34	11.81	195.53	NLPH	---	---	---	---	---	---	---	---
MW20C	07/12/05	207.34	---	---	---	117	<50.0	---	1.20	<0.50	<0.50	<0.50	<0.50
MW20C	10/10/05	207.34	14.22	193.12	NLPH	<50.0	<50.0	---	1.25	<0.500	<0.500	<0.500	<0.500
MW20C	01/09/06	207.34	7.15	200.19	NLPH	---	---	---	---	---	---	---	---
MW20C	01/10/06	207.34	---	---	---	<50.0	<50.0	---	1.34	<0.500	<0.500	<0.500	<0.500

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW21A	01/10/05	207.63	8.88	198.75	NLPH	---	---	---	---	---	---	---	---
MW21A	01/11/05	207.63	---	---	---	133e	256	---	58.5	2.60	0.70	0.60	1.60
MW21A	04/11/05	207.63	---	207.63	NLPH	---	---	---	---	---	---	---	---
MW21A	04/12/05	207.63	---	---	---	126e	803	---	36.2	5.80	1.20	1.40	1.10
MW21A	07/11/05	207.63	11.60	196.03	NLPH	---	---	---	---	---	---	---	---
MW21A	07/12/05	207.63	---	---	---	191	810	---	72.1	9.90	1.40	1.30	1.60
MW21A	10/10/05	207.63	14.40	193.23	NLPH	<50.0	351	---	74.1	3.62	<0.500	<0.500	<0.500
<b>MW21A</b>	<b>01/09/06</b>	<b>207.63</b>	<b>9.36</b>	<b>198.27</b>	<b>NLPH</b>	---	---	---	---	---	---	---	---
<b>MW21A</b>	<b>01/10/06</b>	<b>207.63</b>	---	---	---	<b>&lt;50.0</b>	<b>174</b>	---	<b>37.3</b>	<b>2.82</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW21B	01/10/05	207.70	8.33	199.37	NLPH	---	---	---	---	---	---	---	---
MW21B	01/11/05	207.70	---	---	---	137e	79.5	---	60.5	<0.50	<0.50	<0.50	1.00
MW21B	04/11/05	207.70	9.16	198.54	NLPH	---	---	---	---	---	---	---	---
MW21B	04/12/05	207.70	---	---	---	<50	69.7	---	46.0	<0.50	<0.50	<0.50	<0.50
MW21B	07/11/05	207.70	10.99	196.71	NLPH	---	---	---	---	---	---	---	---
MW21B	07/12/05	207.70	---	---	---	137	<50.0	---	45.1	<0.50	<0.50	<0.50	<0.50
MW21B	10/10/05	207.70	13.75	193.95	NLPH	<50.0	<50.0	---	27.6	<0.500	<0.500	<0.500	<0.500
<b>MW21B</b>	<b>01/09/06</b>	<b>207.70</b>	<b>8.79</b>	<b>198.91</b>	<b>NLPH</b>	---	---	---	---	---	---	---	---
<b>MW21B</b>	<b>01/10/06</b>	<b>207.70</b>	---	---	---	<b>&lt;50.0</b>	<b>&lt;50.0</b>	---	<b>20.2</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW21C	01/10/05	207.05	7.53	199.52	NLPH	---	---	---	---	---	---	---	---
MW21C	01/11/05	207.05	---	---	---	214e	<50.0	---	<0.50	<0.50	<0.50	<0.50	1.00
MW21C	04/11/05	207.05	8.31	198.74	NLPH	---	---	---	---	---	---	---	---
MW21C	04/12/05	207.05	---	---	---	117e	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW21C	07/11/05	207.05	11.68	195.37	NLPH	---	---	---	---	---	---	---	---
MW21C	07/12/05	207.05	---	---	---	98	<50.0	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW21C	10/10/05	207.05	14.22	192.83	NLPH	<50.0	<50.0	---	<0.500	<0.500	<0.500	<0.500	<0.500
<b>MW21C</b>	<b>01/09/06</b>	<b>207.05</b>	<b>7.37</b>	<b>199.68</b>	<b>NLPH</b>	---	---	---	---	---	---	---	---
<b>MW21C</b>	<b>01/10/06</b>	<b>207.05</b>	---	---	---	<b>&lt;50.0</b>	<b>&lt;50.0</b>	---	<b>0.560</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>
MW22	01/10/05	207.64	9.42	198.22	NLPH	---	---	---	---	---	---	---	---
MW22	01/11/05	207.64	---	---	---	<50	<50.0	---	2.20	<0.50	<0.50	<0.50	<0.50
MW22	04/11/05	207.64	10.15	197.49	NLPH	---	---	---	---	---	---	---	---
MW22	04/12/05	207.64	---	---	---	66e	<50.0	---	2.40	<0.50	<0.50	<0.50	<0.50
MW22	07/11/05	207.64	11.07	196.57	NLPH	---	---	---	---	---	---	---	---
MW22	07/12/05	207.64	---	---	---	<51	<50.0	---	0.60	<0.50	<0.50	<0.50	<0.50
MW22	10/10/05	207.64	13.87	193.77	NLPH	<50.0	<50.0	---	0.810	<0.500	<0.500	<0.500	<0.500
<b>MW22</b>	<b>01/09/06</b>	<b>207.64</b>	<b>9.78</b>	<b>197.86</b>	<b>NLPH</b>	---	---	---	---	---	---	---	---
<b>MW22</b>	<b>01/10/06</b>	<b>207.64</b>	---	---	---	<b>&lt;50.0</b>	<b>&lt;50.0</b>	---	<b>1.14</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>

RW1 Groundwater recovery well, not monitored or sampled since 2/22/94.  
RW1 11/01/01 206.96 Well surveyed in compliance with AB 2886 requirements.

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
RW2	Groundwater recovery well, not monitored or sampled since 2/22/94.												
RW2	11/01/01	207.51	Well surveyed in compliance with AB 2886 requirements.										

- Notes:
- TOC = Top of well casing elevation; datum is to mean sea level.
  - SUBJ = Results of subjective evaluation.
  - DTW = Depth to water.
  - GW Elev. = Groundwater elevation; datum is to mean sea level.
  - TPHd = Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
  - TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
  - MTBE 8021B = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
  - MTBE 8260B = Methyl tertiary butyl ether analyzed using EPA Method 8260B.
  - BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B; prior to 11/24/04, analyzed using EPA Method 8021B.
  - ETBE = Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
  - TAME = Tertiary amyl methyl ether analyzed using EPA Method 8260B.
  - TBA = Tertiary butyl alcohol analyzed using EPA Method 8260B.
  - EDB = 1,2-dibromoethane analyzed using EPA Method 8260B.
  - 1,2-DCA = 1,2-dichloroethane analyzed using EPA Method 8260B.
  - DIPE = Di-isopropyl ether analyzed using EPA Method 8260B.
  - Ethanol = Ethanol analyzed using EPA Method 8260B.
  - µg/L = Micrograms per liter.
  - NLPH = No liquid-phase hydrocarbons present in well.
  - fbgs = Feet below ground surface.
  - < = Less than the indicated reporting limit shown by the laboratory.
  - NA = Not applicable/Not available.
  - = Not sampled/ Not analyzed/ Not measured.
  - a = Third and fourth quarter 1997 analytical data not available.
  - b = MTBE analyzed using EPA Method 8260B.
  - c = Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
  - d = Not analyzed due to laboratory error.
  - e = Diesel-range hydrocarbons reported in sample; however, the chromatogram pattern is not representative of diesel fuel.
  - f = Samples not received by laboratory.
  - g = Groundwater data invalidated; analytical results suspect.

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW1	UST observation well, not monitored or sampled since 2/22/94.							
MW2	UST observation well, not monitored or sampled since 2/22/94.							
MW3	UST observation well, not monitored or sampled since 2/22/94.							
MW4	UST observation well, not monitored or sampled since 2/22/94.							
MW5	03/05/98	<50	<50	<2,500	<50	<50	<50	<12,000
MW5	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW5	09/02/03	<0.50	<0.50	82.6	<0.50	2.10	<0.50	---
MW5	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW5	04/26/04	---	---	---	---	---	---	<50.0
MW5	07/26/04	---	---	22.0	---	---	---	<50.0
MW5	10/18/04	<0.50	<0.50	40.8	---	---	<0.50	<50.0
MW5	01/11/05	<0.50	<0.50	<10.0	<0.50	3.60	<0.50	<50.0
MW5	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW5	07/11/05	<0.50	<0.50	<10.0	<0.50	4.80	<0.50	<50.0
MW5	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW5</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW5C	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW5C	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW5C	07/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW5C	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW5C</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW6	03/05/98	<2.0	<2.0	<100	<2.0	<2.0	<2.0	<500
MW6	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6	04/26/04	---	---	---	---	---	---	<50.0
MW6	07/26/04	---	---	<10.0	---	---	---	<50.0
MW6	10/18/04	<0.50	<0.50	<10.0	---	---	<0.50	<50.0
MW6	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW6</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW7	03/05/98	<50	<50	<2,500	<50	<50	<50	<12,000
MW7	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW7	09/02/03	<0.50	<0.50	63.7	<0.50	<0.50	<0.50	---
MW7	11/26/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW7	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW7	04/26/04	---	---	---	---	---	---	<50.0
MW7	07/26/04	---	---	<10.0	---	---	---	<50.0
MW7	10/18/04	<0.50	<0.50	<10.0	---	---	<0.50	<50.0
MW7	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW7	04/11/05	<0.50	<0.50	11.9	<0.50	<0.50	<0.50	<50.0
MW7	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW7	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW7</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW8	02/28/03	---	---	30.8	---	---	---	---
MW8	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW8	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW8	04/26/04	---	---	---	---	---	---	<50.0
MW8	07/26/04	---	---	<10.0	---	---	---	<50.0
MW8	10/18/04	<0.50	<0.50	<10.0	---	---	<0.50	<50.0
MW8	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW8	04/11/05	<0.50	<0.50	30.4	<0.50	<0.50	<0.50	<50.0
MW8	07/11/05	<0.50	<0.50	30.7	<0.50	<0.50	<0.50	<50.0
MW8	10/11/05	<0.500	<0.500	22.0	<0.500	<0.500	<0.500	<50.0
<b>MW8</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>17.2</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW9	03/05/98	<2.0	<2.0	180	<2.0	<2.0	<2.0	<500
MW9	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW9	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW9	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW9	04/26/04	---	---	---	---	---	---	<50.0
MW9	07/26/04	---	---	<10.0	---	---	---	<50.0
MW9	10/18/04	<0.50	<0.50	<10.0	---	---	<0.50	<50.0
MW9	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW9	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW9	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW9	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW9</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW10	02/28/03	---	---	40.6	---	---	---	---
MW10	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW10	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW10	04/26/04	---	---	---	---	---	---	<50.0
MW10	07/26/04	---	---	25.0	---	---	---	<50.0
MW10	10/18/04 f	---	---	---	---	---	---	---
MW10	01/11/05	<0.50	<0.50	11.2	<0.50	<0.50	<0.50	<50.0
MW10	04/11/05	<0.50	1.00	15.1	<0.50	<0.50	<0.50	<50.0
MW10	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW10	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW10</b>	<b>01/09/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW11	03/05/98	<2.0	<2.0	<100	<2.0	<2.0	<2.0	<500
MW11	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW11	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW11	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW11	04/26/04	---	---	---	---	---	---	<50.0
MW11	07/26/04	---	---	<10.0	---	---	---	<50.0
MW11	10/18/04	<0.50	<0.50	<10.0	---	---	<0.50	<50.0
MW11	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW11	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW11	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW11	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW11</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW12	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW12	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW12	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW12	04/26/04	---	---	---	---	---	---	<50.0
MW12	07/26/04	---	---	<10.0	---	---	---	<50.0
MW12	10/18/04	<0.50g	<0.50g	<10.0g	---	---	<0.50g	<50.0g
MW12	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW12	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW12	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW12	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW12</b>	<b>01/09/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW13	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW13	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW13	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW13	04/26/04	---	---	---	---	---	---	<50.0
MW13	07/26/04	---	---	<10.0	---	---	---	<50.0
MW13	10/18/04	<0.50g	<0.50g	<10.0g	---	---	<0.50g	<50.0g
MW13	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW13	04/11/05	<0.50	1.00	<10.0	<0.50	2.30	<0.50	<50.0
MW13	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW13	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW13</b>	<b>01/09/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW14	02/18/97	Well destroyed						
MW15	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW15	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW15	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW15	04/26/04	---	---	---	---	---	---	<50.0
MW15	07/26/04	---	---	<10.0g	---	---	---	<50.0g
MW15	10/18/04	<0.50g	<0.50g	67.3g	---	---	<0.50g	<50.0g
MW15	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW15	04/11/05	<0.50	1.00	<10.0	<0.50	2.20	<0.50	<50.0
MW15	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW15	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW15</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW16	02/28/03	---	---	42.3	---	---	---	---
MW16	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW16	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW16	04/26/04	---	---	---	---	---	---	<50.0
MW16	07/26/04	---	---	99g	---	---	---	<50.0g
MW16	10/18/04	<0.50g	<0.50g	<10.0g	---	---	<0.50g	<50.0g
MW16	01/11/05	<0.50	<0.50	35.5	<0.50	<0.50	<0.50	<50.0
MW16	04/11/05	<0.50	<0.50	42.2	<0.50	<0.50	<0.50	<50.0
MW16	07/11/05	<0.50	<0.50	22.2	<0.50	<0.50	<0.50	<50.0
MW16	10/10/05	<0.500	<0.500	18.7	<0.500	<0.500	<0.500	<50.0
<b>MW16</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>24.3</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW17	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW17	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW17	04/26/04	---	---	---	---	---	---	<50.0
MW17	07/26/04	---	---	<10.0	---	---	---	<50.0
MW17	10/18/04 f	---	---	---	---	---	---	---
MW17	01/10/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW17	04/11/05	<0.50	1.00	<10.0	<0.50	2.30	<0.50	<50.0
MW17	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW17	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW17</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW18	02/28/03	---	---	44.3	---	---	---	---
MW18	09/02/03	<0.50	<0.50	69.2	<0.50	<0.50	<0.50	---
MW18	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW18	04/26/04	---	---	---	---	---	---	<50.0
MW18	07/26/04	---	---	<10.0	---	---	---	<50.0
MW18	10/18/04	<0.50	<0.50	82.4	---	---	<0.50	<50.0
MW18	01/10/05	<0.50	<0.50	13.6	<0.50	<0.50	<0.50	<50.0
MW18	04/11/05	<0.50	<0.50	52.5	<0.50	<0.50	<0.50	<50.0
MW18	07/11/05	<0.50	<0.50	13.0	<0.50	<0.50	<0.50	<50.0
MW18	10/11/05	<0.500	<0.500	15.6	<0.500	<0.500	<0.500	<50.0
<b>MW18</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>11.6</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW19	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW19	09/02/03	<0.50	<0.50	104.0	<0.50	<0.50	<0.50	---
MW19	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW19	04/26/04	---	---	---	---	---	---	<50.0
MW19	07/26/04	---	---	<10.0g	---	---	---	<50.0g
MW19	10/18/04	<0.50g	<0.50g	11.7g	---	---	<0.50g	<50.0g
MW19	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW19	04/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW19	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW19	10/11/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW19</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW20A	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20A	04/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20A	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20A	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW20A</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW20C	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20C	04/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20C	07/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW20C	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW20C</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW21A	01/11/05	<0.50	<0.50	12.9	<0.50	<0.50	<0.50	<50.0
MW21A	04/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW21A	07/11/05	<0.50	<0.50	14.9	<0.50	<0.50	<0.50	<50.0
MW21A	10/10/05	<0.500	<0.500	32.2	<0.500	<0.500	<0.500	<50.0
<b>MW21A</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;50.0</b>
MW21B	01/11/05	<0.50	<0.50	16.2	<0.50	<0.50	<0.50	<50.0
MW21B	04/12/05	<0.50	<0.50	17.8	<0.50	<0.50	<0.50	<50.0
MW21B	07/12/05	<0.50	<0.50	17.2	<0.50	<0.50	<0.50	<50.0
MW21B	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW21B</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;200</b>
MW21C	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW21C	04/12/05	<0.50	1.00	<10.0	<0.50	2.30	<0.50	<50.0
MW21C	07/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW21C	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW21C</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;50.0</b>
MW22	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW22	04/12/05	<0.50	1.00	<10.0	<0.50	2.20	<0.50	<50.0
MW22	07/12/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW22	10/10/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
<b>MW22</b>	<b>01/10/06</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;50.0</b>
RW1	Groundwater recovery well, not monitored or sampled since 2/22/94.							
RW2	Groundwater recovery well, not monitored or sampled since 2/22/94.							

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
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Notes:	=	
TOC	=	Top of well casing elevation; datum is to mean sea level.
SUBJ	=	Results of subjective evaluation.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is to mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
NLPH	=	No liquid-phase hydrocarbons present in well.
<	=	Less than the indicated reporting limit shown by the laboratory.
NA	=	Not applicable.
---	=	Not sampled/ Not analyzed/ Not measured.
a	=	Third and fourth quarter 1997 analytical data not available.
b	=	MTBE analyzed using EPA Method 8260B.
c	=	Diesel-range hydrocarbons reportedly detected in bailer blank; result is suspect.
d	=	Not analyzed due to laboratory error.
e	=	Diesel-range hydrocarbons reported in sample; however, the chromatogram pattern is not representative of diesel fuel.
f	=	Samples not received by laboratory.
g	=	Groundwater data invalidated; analytical results suspect.

**TABLE 2**  
**CUMULATIVE DOMESTIC WELL SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 1 of 2)

Well ID	Sampling Date	Sample ID	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	
W-1175	02/28/03		<50	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	
	09/19/03		---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	
	11/26/03		---	---	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	---	
	12/05/03		---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	---	
	12/5/03a		---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	---	
	02/12/04		---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	
	04/26/04		---	---	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	---	---	<0.50	---	
	Sampling discontinued.																
W-3725	02/28/03		<50	<50.0	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	
	04/01/03		---	---	<0.50	---	---	---	---	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	
	05/21/03		<50	<50.0	1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	---	---	<0.50	---	
	09/02/03		---	---	21.1	0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	
	09/19/03		---	---	21	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	
	12/05/03		---	---	46.6	1.50	<0.50	<0.50	<0.50	<0.50	<0.50	12.9	<0.50	<0.50	<0.50	---	
	02/12/04		---	---	39.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15.5	<0.50	<0.50	<0.50	---	
	04/26/04		---	---	16.2	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	---	---	<0.50	---	
	07/26/04		---	---	12.4	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	---	---	<0.50	---	
	10/18/04		---	---	<0.50b	<0.50b	<0.50b	<0.50b	<1.00b	<0.50b	<0.50b	<10.0b	---	---	<0.50b	<50.0b	
	09/24/04	Wellhead treatment system installed.															
	01/13/05	W-INF	---	---	0.90	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-INT	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-EFF	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
	04/11/05	W-INF	---	---	0.60	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-INT	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-EFF	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
07/11/05	W-INF	---	---	14.0	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	
	W-INT	---	---	0.60	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	
	W-EFF	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	
10/10/05	W-INF	---	---	15.6	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	5.01	<0.500	<0.500	<0.500	<100	
	W-INT	---	---	1.64	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<100	
	W-EFF	---	---	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<100	
01/10/06	W-INF	---	---	2.07	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	
	W-INT	---	---	2.02	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	
	W-EFF	---	---	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	

**TABLE 2**  
**CUMULATIVE DOMESTIC WELL SAMPLING DATA**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 2 of 2)

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Notes:	=	
W-3725	=	Domestic well located at 3725 Mayette Avenue.
W-1175	=	Domestic well located at 1175 Harvard Drive.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 524.2.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 524.2.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 524.2.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 524.2.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 524.2.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 524.2.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 524.2.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 524.2.
Ethanol	=	Ethanol analyzed using EPA Method 524.2.
µg/L	=	Micrograms per liter.
---	=	Not sampled/Not analyzed.
<	=	Not detected at or above the laboratory method reporting limit.
a	=	Duplicate sample collected from a different sampling location.
b	=	Analytical results suspect.

**TABLE 3**  
**WELL CONSTRUCTION DETAILS**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 1 of 2)

Well ID	Date Well Installed	TOC Elev. (feet)	Well Casing Material	Total Depth (fbgs)	Well Depth (fbgs)	Borehole Diameter (in)	Casing Diameter (in)	Screened Interval (fbgs)	Slot Size (in)	Filter Pack Interval (fbgs)	Filter Pack Material	Water-Bearing Zone
MW1	7/1986	208.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	Upper
MW2	7/1986	207.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	Upper
MW3	7/1986	208.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	Upper
MW4	7/1986	208.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	Upper
MW5	12/16/86	208.13	PVC	30	30	7.5	2	8-30	0.020	5-25	#6 Monterey Sand	Upper
MW5C	11/15/04	208.36	PVC	64.5	57.5	8-15	2	52-57	0.020	51-58	#3 Sand	Lower
MW6	12/16/86	208.24	PVC	24.5	24.5	7.5	2	8-24.5	0.020	5-24.5	#6 Monterey Sand	Upper
MW7	12/16/86	208.23	PVC	24.5	24.5	7.5	2	8-24.5	0.020	5-24.5	#6 Monterey Sand	Upper
MW8	06/29/87	207.63	PVC	35	35	7.5	2	8-35	0.020	4-35	#6 Monterey Sand	Upper
MW9	06/29/87	207.39	PVC	35	35	7.5	2	8-35	0.020	4-35	#6 Monterey Sand	Upper
MW10	06/30/87	206.97	PVC	35	35	7.5	2	8-35	0.020	4-35	#6 Monterey Sand	Upper
MW11	4/21/1988	208.02	PVC	35	35	10	4	7-35	0.020	4.5-35	sand	Upper
MW12	4/21/1988	208.62	PVC	26.5	25.5	10	4	7-25.5	0.020	4.5-26.5	sand	Upper
MW13	4/21/1988	207.85	PVC	35	35	10	4	7-35	0.020	5-35	sand	Upper
MW14	12/07/89	207.43	PVC	50	50	10	4	35-50	0.020	31-50	sand	Upper
MW15	12/08/89	207.80	PVC	50	50	10	4	36-50	0.020	32-50	sand	Lower
MW16	12/09/89	207.41	PVC	30	30	10	4	12-30	0.020	9-30	sand	Upper
MW17	12/09/89	208.34	PVC	30	30	10	4	24-30	0.020	18-30	sand	Upper
MW18	08/19/93	207.58	PVC	22	20.5	10	2	5.5-20.5	0.020	3.5-20.5	#2/12 Lonestar Sand	Upper
MW19	11/25/96	208.29	PVC	31.5	25	10	4	5-20	0.020	2-31.5	#3 Monterey Sand	Upper

**TABLE 3**  
**WELL CONSTRUCTION DETAILS**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 2 of 2)

Well ID	Date Well Installed	TOC Elev. (feet)	Well Casing Material	Total Depth (fbgs)	Well Depth (fbgs)	Borehole Diameter (in)	Casing Diameter (in)	Screened Interval (fbgs)	Slot Size (in)	Filter Pack Interval (fbgs)	Filter Pack Material	Water-Bearing Zone
MW20A	11/17/04	207.86	PVC	21.5	21	8	2	10-19.5	0.020	9-20	#3 Sand	Upper
MW20C	11/16/04	207.34	PVC	64	57.5	8-15	2	52-57	0.020	51-58	#3 Sand	Lower
MW21A	11/17/04	207.63	PVC	21.5	20	8	2	10-19.5	0.020	9-20	#3 Sand	Upper
MW21B	11/17/04	207.70	PVC	33.5	33.5	8-15	2	28.33	0.020	27-33.5	#3 Sand	Intermediate
MW21C	11/16/04	207.05	PVC	52.5	52.5	8-15	2	47-52	0.020	46-52.5	#3 Sand	Lower
MW22	11/19/04	207.64	PVC	20	18.5	8-15	2	8-18	0.020	7-18.5	#3 Sand	Upper
RW1	6/4/1990	206.96	Steel	40	40	24	12	10-40	0.020	7.5-40	#2 Monterey Sand	Upper
RW2	12/17/91	207.51	NA	40	40	NA	NA	10-40	NA	NA	NA	Upper
AS/SVE1	07/13/98	NA	PVC	22	SVE=12 AS=22	10	1/2"	SVE=5-12 AS=19-22	0.010	SVE=3-12 AS=15-22	#2/12 Lonestar Sand Sand	Upper

Notes:

- MW1 = On-site and off-site groundwater monitoring well.
- RW1 = On-site groundwater recovery well.
- AS/SVE1 = On-site air-sparge/soil vapor extraction well.
- W-3725 = Domestic well located at 3725 Mayette Avenue.
- W-1175 = Domestic well located at 1175 Harvard Drive.
- NA = Not available/Not applicable.
- PVC = Schedule #40 polyvinyl chloride piping.
- TOC Elev. = Top of well casing elevation; datum is mean sea level.
- fbgs = Feet below ground surface

**TABLE 4**  
**CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR**  
**SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 1 of 15)

Date	Sample ID	Hours Blower	Hours Sparge	Field Measurements				Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene	
				Temp F	Vac. in H <sub>2</sub> O	Flow acfm	Flow scfm	HC ppmv	TPHg (mg/M <sup>3</sup> )	MTBE (mg/M <sup>3</sup> )	Benzene (mg/M <sup>3</sup> )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Emitted per Day (lbs)
05/30/01	A-INF	1		70	20	42	42	1,500.0	730	< 1.0	4.6	0.1	0	< 0.0	< 0.0	0.0	0.0	< 0.000
	A-INT							0.0	< 10	< 1.0	< 1.0							
	A-EFF							0.0	< 10	< 1.0	< 1.0							
05/31/01	A-INF	23		70	46	42	42	1,311.0										
	A-INT							0.0										
	A-EFF							0.0										
06/01/01	A-INF	50		70	46	40	40	413.0										
	A-INT							0.0										
	A-EFF							0.0										
06/04/01	A-INF	51		30	46	41	44	1,214.0										
	A-INT							0.0										
	A-EFF							0.0										
06/05/01	A-INF	84		70	46	41	41	791.0										
	A-INT							0.0										
	A-EFF							0.0										
06/06/01	A-INF	87		50	46	41	43	1,083.0										
	A-INT							0.0										
	A-EFF							0.0										
06/07/01	A-INF	112		50	45	42	44	450.0										
	A-INT							0.0										
	A-EFF							0.0										
06/08/01	A-INF	131		50	46	40	42	746.0	2,000	< 5.0	27	27.7	28	< 0.1	< 0.1	0.3	0.3	< 0.004
	A-INT							0.0	< 10	< 1.0	< 1.0							
	A-EFF							0.0	< 10	< 1.0	< 1.0							
07/13/01	A-INF	134		94	46	38	36	645.0										
	A-INT							0.0										
	A-EFF							0.0										
07/17/01	A-INF	231		105	46	38	36	2,210.0										
	A-INT							0.0										
	A-EFF							0.0										
07/20/01	A-INF	298		88	46	38	37	2,300.0	6,400	74	76	102.4	130	< 1.0	< 1.0	1.3	1.6	< 0.002
	A-INT							545.0	1,200	7.9	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
07/25/01	System shutdown for carbon change-out (1 x 500 pounds).					38	36	221.1										
	A-INF	298	100	46				2.4										
	A-INT							0.0										
08/01/01	A-INF	443		90	43	40	39	2,412.0	2,500	16	19	91.2	221	0.9	< 1.9	1.0	2.6	< 0.000
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.5	< 10	< 0.50	< 0.10							
08/03/01	A-INF	472		100	45	40	38	131.2										
	A-INT							0.0										
	A-EFF							0.0										















**TABLE 4**  
**CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR**  
**SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 9 of 15)

Date	Sample ID	Hours Blower	Hours Sparge	Field Measurements				HC ppmv	Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene Emitted per Day (lbs)	
				Temp F	Vac. in H <sub>2</sub> O	Flow acfm	scfm		TPHg (mg/M <sup>3</sup> )	MTBE (mg/M <sup>3</sup> )	Benzene (mg/M <sup>3</sup> )	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)		
01/12/04	A-INF	13,687	6,062	80	62	80	79	0.0											
	A-INT							2.2											
	A-EFF							0.0											
01/26/04	A-INF	14,012	6,062	77	60	80	79	0.0	< 10	< 0.50	< 0.10	< 2.8	< 1,067.6	< 0.14	< 11.7	< 0.033	< 10.5	< 0.0007	
	A-INT							0.0	< 10	< 0.50	< 0.10								
	A-EFF							0.0	< 10	< 0.50	< 0.10								
02/09/04	A-INF	14,345	6,062	80	60	81	80	0.0	< 10	< 0.50	< 0.10	< 1.0	< 1,068.6	< 0.05	< 11.7	< 0.010	< 10.5	< 0.0007	
	A-INT							0.0	< 10	< 0.50	< 0.10								
	A-EFF							0.0	< 10	< 0.50	< 0.10								
02/23/04	A-INF	14,371	6,062	77	56	80	79	0.0											
	A-INT							0.0											
	A-EFF							0.0											
03/08/04	A-INF	14,387	6,062	70	53	82	82	0.0	< 10	< 0.50	< 0.10	< 11.0	< 1,079.7	< 0.55	< 12.3	< 0.110	< 10.6	< 0.0002	
	A-INT							0.0	< 10	< 0.50	< 0.10								
	A-EFF							0.0	< 10	< 0.50	< 0.10								
03/10/04	Shut AS/SVE system after CSD3 (Vacuum Relief Valve) on Blower.																		
03/18/04	AS/SVE down for Vacuum Relief Valve repair.																		
03/22/04	AS/SVE down for Vacuum Relief Valve repair.																		
03/31/04	A-INF	14,400	6,062	105	77	80	75	25.7											
	A-INT							1.2											
	A-EFF							0.0											
04/05/04	A-INF	14,408	6,062	92	62	60	58	0.0											
	A-INT							2.8											
	A-EFF							0.0											
04/20/04	A-INF	14,763	6,062	100	42	55	52	3.2											
	A-INT							1.8											
	A-EFF							0.8											
05/04/04	A-INF	15,093	6,062	88	40	60	58	3.8	< 10	< 0.50	< 0.10	< 1.8	< 1,081.5	< 0.09	< 12.3	< 0.018	< 10.6	< 0.0006	
	A-INT							1.8	< 10	< 0.50	< 0.10								
	A-EFF							1.8	< 10	< 0.50	< 0.10								
05/10/04	A-INF	15,239	nm	125	92	52	47	1.5											
	A-INT							2.1											
	A-EFF							1.1											
05/13/04		15,244	nm	120	68	42	38												
05/19/04	A-INF	15,251	nm	90	45	32	31	1.7											
	A-INT							1.3											
	A-EFF							2.1											
05/26/04	A-INF	15,414	nm	100	45	30	28	0.0											
	A-INT							0.0											
	A-EFF							0.0											
06/02/04	A-INF	15,592	nm	122	44	28	25	14.7	13	< 0.50	< 0.10	< 0.9	< 1,082.4	< 0.04	< 12.4	< 0.008	< 10.6	< 0.0004	
	A-INT							8.3	14	0.52	< 0.10								
	A-EFF							4.4	< 10	< 0.50	< 0.10								











**TABLE 4**  
**CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR**  
**SOIL VAPOR EXTRACTION SYSTEM**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 15 of 15)

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Notes:

- A-INF = Influent sample port.
- A-INT = Intermediate sample port.
- A-EFF = Effluent sample port.
- F = Farenheit.
- in H2O = Inches of water column.
- cfm = Cubic feet per minute.
- HC = Hydorcarbons measured using a photo-ionization detector.
- ppmv = Parts per million by volume.
- TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015.
- MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8020 or EPA Method 8021B.
- Benzene = Benzene analyzed using EPA Method 8015 or EPA Method 8021B.
- ug/L = Micrograms per liter.
- mg /m<sup>3</sup> = Milligrams per cubic meter.
- < = Less than the laboratory method reporting limit.
- = Not recorded/Not analyzed.

\*Values calculated using ERI SOP-25: Hydrocarbons Removed from a Vadose Well. If laboratory analytical result is below laboratory reporting limit, reporting limit value is used.









**TABLE 5A**  
**OPERATION AND PERFORMANCE DATA FOR**  
**GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California  
(Page 5 of 5)

Date	Hours	Totalizer Effluent (gal)	Total Volume (gal)	Average Flowrate (gpm)	Sample ID	Laboratory Analytical Results						TPH <sub>g</sub> Removal		Benzene Removal		MTBE Removal		
						TPH <sub>d</sub> (µg/L)	TPH <sub>g</sub> (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/02/06	NM	2,292,789	2,526,149	8.0	W-INF		160	6.0	4.8	<0.50	<0.50	1.3	0.354	< 1.705	< 0.0101	< 0.0447	0.0152	< 0.125
					W-INT1	< 50	< 2.5	< 0.50	<0.50	<0.50	<0.50							
					W-INT2	< 50	< 2.5	< 0.50	<0.50	<0.50	<0.50							
					W-EFF	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50							

Notes:

- W-INF = Water influent from recovery wells.
- W-BIO-INF = Water influent from the recovery wells and nutrient tank, before the bioreactor.
- W-BIO-EFF = Water effluent from the bioreactor, before carbon vessel 1.
- W-INT1 = Water intermediate between carbon vessels 1 and 2.
- W-INT2 = Water intermediate between carbon vessels 2 and 3.
- W-EFF = Water effluent.
- TPH<sub>d</sub> = Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B modified.
- TPH<sub>g</sub> = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B modified.
- MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8260B.
- B = Benzene analyzed using EPA Method 8021B.
- T = Toluene analyzed using EPA Method 8021B.
- E = Ethylbenzene analyzed using EPA Method 8021B.
- X = Total xylenes analyzed using EPA Method 8021B.
- gal = Gallons.
- gpm = Gallons per minute.
- < = Less than the stated laboratory reporting limit.
- µg/L = Micrograms per liter.
- mg/L = Milligrams per liter.
- NM = Not measured.
- NA = Not analyzed.
- a = Analyzed using EPA Method 8260B.
- b = The samples identified as W-INT1, W-INT2, and W-INT3 in the laboratory analytical reports for samples collected 11/03/03 and 12/22/03 correspond with W-BIO-EFF, W-INT1, and W-INT2, respectively, in this table.
- c = Diesel-range organic compounds reported in sample; however, the chromatogram pattern is not representative of diesel fuel.

**TABLE 5B**  
**OPERATION AND PERFORMANCE DATA FOR GROUNDWATER EXTRACTION AND TREATMENT SYSTEM-VOLATILE ORGANIC COMPOUNDS**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 1 of 3)

Date	Sample ID	OXYGENATED COMPOUNDS					LEAD SCAVENGERS		Cyanide (ug/L)	Hardness (ug/L)	OTHER VOCs (ug/L)		
		MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	TAME (ug/L)	ETBE (ug/L)	MeOH (ug/L)	EtOH (ug/L)				1,2-DCA (ug/L)	EDB (ug/L)
01/13/03	W-INF	11	< 25	< 2.5	< 2.5	< 2.5	< 100	< 5.0	<2.5	<2.5	<5	320	ND
	W-EFF	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 100	< 5.0	<0.50	<0.50	<5	330	ND
02/03/03	W-INF	38	14	< 1.0	< 1.0	< 1.0	< 100	20	<1.0	<1.0	<5	310	ND
	W-EFF	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 100	17	<0.50	<0.50	<5	310	ND
03/03/03	W-INF	NA	NA	NA	NA	NA	NA	< 5.0	NA	NA	NA	NA	NA
	W-EFF	NA	NA	NA	NA	NA	NA	< 5.0	NA	NA	NA	NA	NA
11/03/03	W-INF	1.6	< 20	NA	NA	NA	< 100	NA	NA	NA	<5	360	NA
	W-EFF	0.17	< 5.0	NA	NA	NA	< 100	NA	NA	NA	<5	230	NA
12/22/03	W-INF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	110	< 100	<0.50	<0.50	<5	100	ND
	W-EFF	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 100	< 5.0	<0.50	<0.50	<5	310	ND
01/26/04	W-INF	12	7.1	< 0.50	< 0.50	< 0.50	< 300	< 5.0	<0.50	<0.50	<5	300	ND
	W-EFF	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 100	< 5.0	<0.50	<0.50	<5	330	ND
02/09/04	W-INF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	< 100	< 100	<0.50	<0.50	<5	140	ND
	W-EFF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	< 100	< 100	<0.50	<0.50	<5	170	ND
05/19/04	W-INF	2.2	< 5.0	< 0.50	< 0.50	< 0.50	< 100	< 5.0	<0.50	<0.50	<5	330	ND
	W-EFF	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 100	< 5.0	<0.50	<0.50	<5	250	ND
08/04/04	W-INF	2.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	W-EFF	< 0.50	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/17/05	Discharging to sewer, no NPDES discharge to surface waters.												
02/17/05	W-INF	1.60	< 10.0	< 0.50	< 0.50	< 0.50	NA	NA	<0.50	NA	NA	NA	ND
	W-EFF	< 0.50	< 10.0	< 0.50	< 0.50	< 0.50	NA	NA	<0.50	NA	NA	NA	ND
03/03/05	W-INF	6.20	< 10.0	< 0.50	< 0.50	< 0.50	NA	NA	<0.50	NA	NA	NA	ND
	W-EFF	< 0.50	< 10.0	< 0.50	< 0.50	< 0.50	NA	NA	<0.50	NA	NA	NA	ND
04/07/05	W-INF	7.30	< 10.0	< 5.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	1.70a
	W-EFF	< 1.00	< 10.0	< 5.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	NA
05/05/05	W-INF	6.90	< 10.0	< 5.00	< 1.0	< 1.0	NA	NA	<1.00	<1.00	NA	NA	1.10a
	W-EFF	< 1.00	< 10.0	< 5.00	< 1.0	< 1.0	NA	NA	<1.00	<1.00	NA	NA	ND
06/09/05	W-INF	5.60	< 10.0	< 0.50	< 0.5	< 0.5	NA	NA	<0.50	<0.50	NA	NA	ND
	W-EFF	< 0.50	< 10.0	< 0.50	< 0.5	< 0.5	NA	NA	<0.50	<0.50	NA	NA	ND

**TABLE 5B**  
**OPERATION AND PERFORMANCE DATA FOR GROUNDWATER EXTRACTION AND TREATMENT SYSTEM-VOLATILE ORGANIC COMPOUNDS**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 2 of 3)

Date	Sample ID	OXYGENATED COMPOUNDS					LEAD SCAVENGERS		Cyanide (ug/L)	Hardness (ug/L)	OTHER VOCs (ug/L)		
		MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	TAME (ug/L)	ETBE (ug/L)	MeOH (ug/L)	EtOH (ug/L)				1,2-DCA (ug/L)	EDB (ug/L)
07/07/05	W-INF	4.50	< 10.0	< 5.00	< 1.00	< 1.00	NA	NA	<1.00	NA	NA	NA	ND
	W-EFF	< 1.00	< 10.0	< 5.00	< 1.00	< 1.00	NA	NA	<1.00	NA	NA	NA	ND
08/04/05	W-INF	3.06	< 10.0	NA	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	2.39a
	W-EFF	< 0.500	< 10.0	NA	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	ND
09/08/05	W-INF	2.55	< 10.0	< 1.00	< 1.00	< 1.00	NA	NA	1.69	<1.00	NA	NA	ND
	W-EFF	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	NA	NA	1.84	<1.00	NA	NA	ND
10/06/05	W-INF	1.50	< 10.0	< 1.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	ND
	W-EFF	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	ND
11/10/05	W-INF	1.13	< 10.0	< 0.500	< 0.500	< 0.500	NA	NA	<1.00	<0.500	NA	NA	ND
	W-EFF	< 0.500	< 10.0	< 0.500	< 0.500	< 0.500	NA	NA	<1.00	<0.500	NA	NA	ND
12/15/05	W-INF	< 1.00	< 20.0	< 1.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	ND
	W-EFF	< 1.00	< 20.0	< 1.00	< 1.00	< 1.00	NA	NA	<1.00	<1.00	NA	NA	ND
01/19/06	W-INF	2.9	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND
	W-EFF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND
02/03/06	W-INF	5.6	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND
	W-EFF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND
03/02/06	W-INF	6.0	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND
	W-EFF	< 0.50	< 20	< 0.50	< 0.50	< 0.50	NA	< 100	<0.50	<0.50	NA	NA	ND

**TABLE 5B**  
**OPERATION AND PERFORMANCE DATA FOR GROUNDWATER EXTRACTION AND TREATMENT SYSTEM-VOLATILE ORGANIC COMPOUNDS**

Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 3 of 3)

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Notes:

W-INF = Influent water, before treatment.

W-EFF = Effluent water, after treatment.

MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8260B or EPA 624.

TBA = Tertiary butyl alcohol analyzed using EPA Method 8260B or EPA 624.

DIPE = Di-isopropyl ether analyzed using EPA Method 8260B or EPA 624.

TAME = Tertiary amyl methyl ether analyzed using EPA Method 8260B or EPA 624.

ETBE = Ethyl tertiary butyl ether analyzed using EPA Method 8260B or EPA 624.

MeOH = Methanol analyzed using EPA Method 8015B modified or EPA 624.

EtOH = Ethanol analyzed using EPA Method 8260B or EPA 624.

1,2-DCA = 1,2-Dichloroethane analyzed using EPA Method 8260B or EPA 624.

EDB = 1,2-Dibromoethane analyzed using EPA Method 8260B or EPA 624.

Other VOCs = Volatile organic compounds other than those listed in Appendix A of NPDES Order R1-2001-9, analyzed using EPA Method 8260B or EPA 624.

Influent concentrations for other VOCs are tabulated as the sum of all constituents detected above their respective reporting limit.

NA = Not analyzed.

ND = Not detected at or above the laboratory reporting limit.

< = Less than the stated laboratory reporting limit.

µg/L = Micrograms per liter.

a = Dichlorodifluoromethane.

**TABLE 5C**  
**OPERATION AND PERFORMANCE DATA FOR GROUNDWATER EXTRACTION AND TREATMENT SYSTEM-INORGANICS**  
Former Exxon Service Station 7-0277  
1101 Yulupa Avenue, Santa Rosa, California  
(Page 1 of 1)

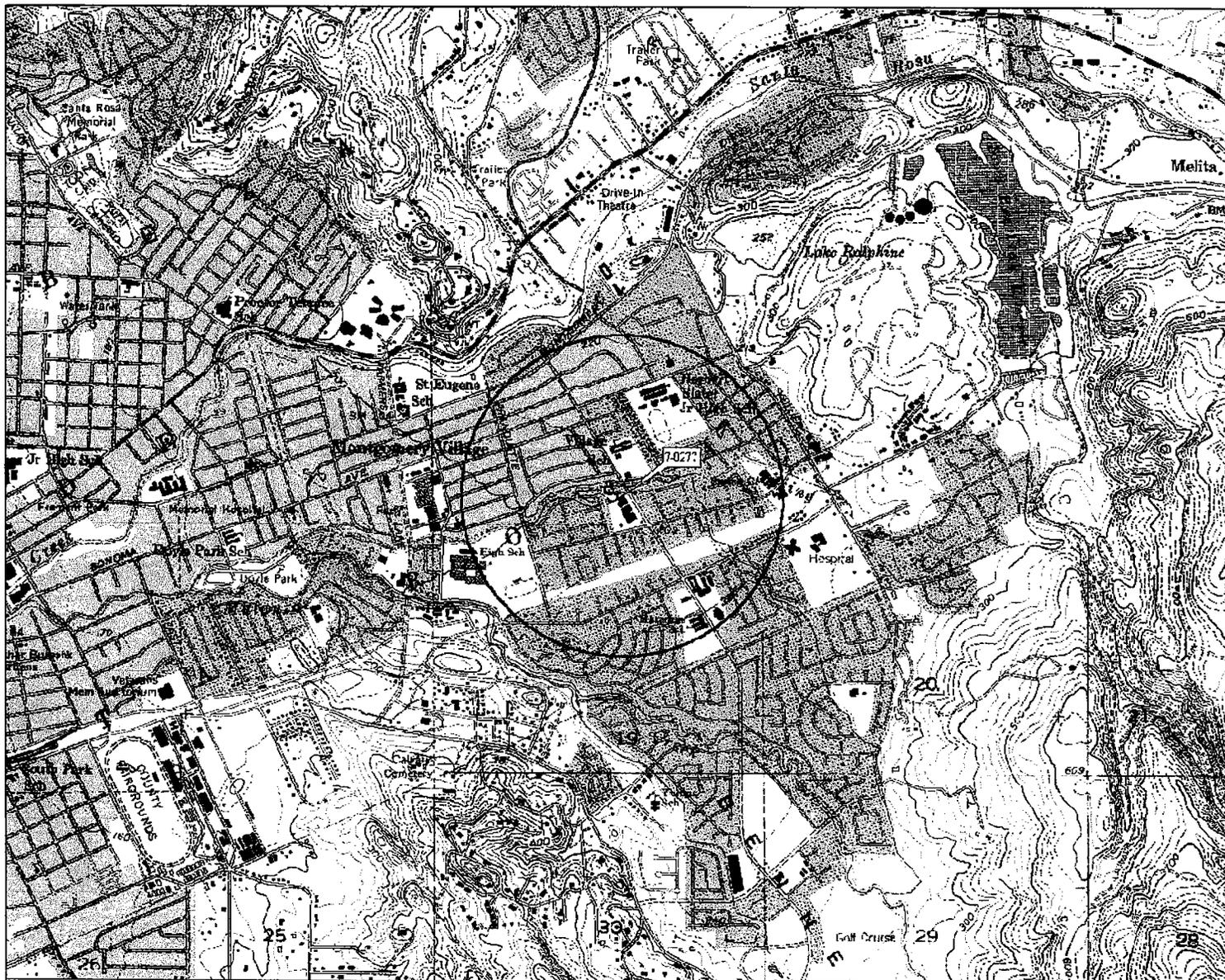
Date Sampled	Sample ID	Anitmony ug/L	Arsenic ug/L	Barium ug/L	Beryllium ug/L	Cadmium ug/L	Chromium (total) ug/L	Chromium (VI) ug/L	Cobalt ug/L	Copper ug/L	Cyanide ug/L	Lead ug/L	Mercury ug/L	Molybdenum ug/L	Nickel ug/L	Selenium ug/L	Silver ug/L	Thallium ug/L	Vanadium ug/L	Zinc ug/L
01/13/03	W-INF	<100	<100	250	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	52
	W-EFF	<100	<100	120	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	<50
02/03/03	W-INF	<100	<100	230	<10	<10	<10	<5	<50	12	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	<50
	W-EFF	<100	<100	210	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	84
03/03/03	System shut off; samples not collected.																			
11/03/03	W-INF	<100	<100	730	<10	<10	150	<5	<50	100	<5	<100	<0.20	<50	170	<100	<20	<100	83	670
	W-EFF	<100	<100	<100	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	<50
12/22/03	W-INF	<100	<100	<100	<10	<10	11	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	100
	W-EFF	<100	<100	12	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	<50
01/26/04	W-INF	<100	<100	240	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	52
	W-EFF	<100	<100	210	<10	<10	<10	<5	<50	<10	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	110
02/09/04	W-INF	<100	330	3,300	15	<10	1,000	<5	280	510	<5	180	1.4	<50	1,100	<100	<20	100	950	1,900
	W-EFF	<100	<100	110	<10	<10	<10	<5	<50	14	<5	<100	<0.20	<50	<50	<100	<20	<100	<50	840
05/19/04	W-INF	1.0	17	270	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<0.20	1.2	11	<1.0	<1.0	<1.0	<3.0	51
	W-EFF	1.0	3.7	13	<1.0	<1.0	<5.0	<5.1	<1.0	<5.0	<5.0	<5.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<10
07/02/04	W-EFF	—	—	—	—	—	—	<5.0	—	—	—	—	—	—	—	—	—	—	—	—

System not sampled for metals after 7/2/2004.

Notes:

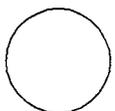
Chromium VI analyzed by EPA Method 7196A.  
Cyanide analyzed by EPA Method 335.2.  
Mercury analyzed by EPA Method 245.1.  
All other metals analyzed by EPA Method 6010/200.8.

- W-INF = Influent water, before treatment.
- W-EFF = Effluent water, after treatment.
- NA = Not analyzed.
- mg/L = Micrograms per liter.
- < = Less than the stated laboratory reporting limit.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04896 Source Data: USGS  
 750 ft Scale: 1 : 25,000 Detail: 13-0 Datum: NAD27

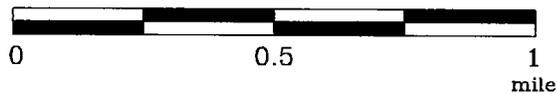
**EXPLANATION**



1/2-mile radius circle



**APPROXIMATE SCALE**



SOURCE:  
 Modified from a map  
 provided by  
 DeLorme 3-D TopoQuads

**SITE VICINITY MAP**

FORMER EXXON SERVICE STATION 7-0277  
 1101 Yulupa Avenue  
 Santa Rosa, California

**PROJECT NO.**

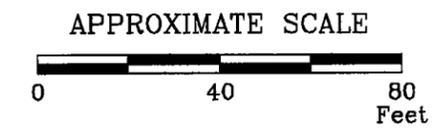
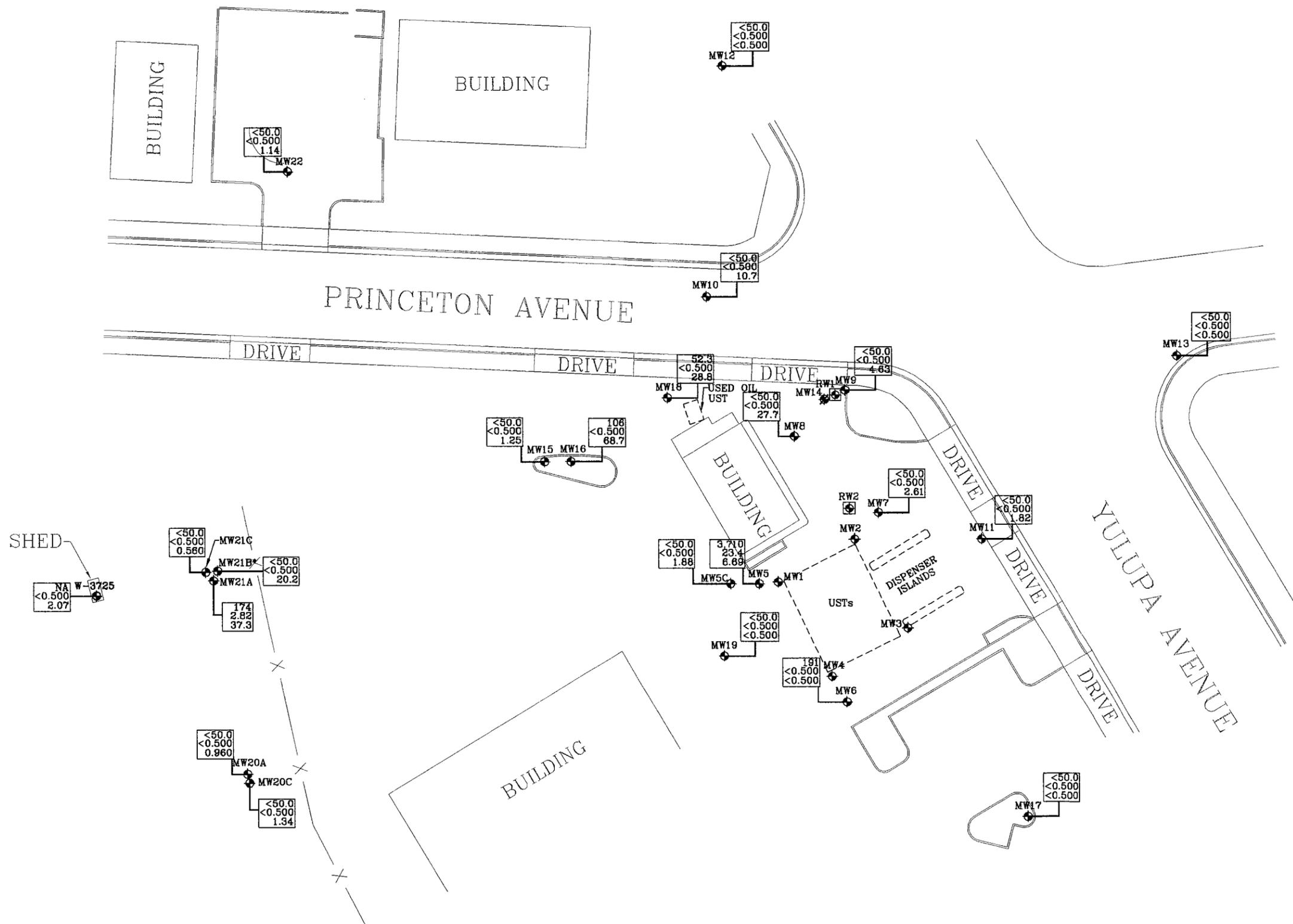
2101

**PLATE**

1



Analyte Concentrations in ug/L  
 Sampled January 9, 2006  
 3.710 Total Petroleum Hydrocarbons  
 as gasoline  
 23.4 Benzene  
 6.68 Methyl Tertiary Butyl Ether  
 (EPA Method 8260B)  
 < Less Than the Stated Laboratory  
 Reporting Limit  
 ug/L Micrograms per Liter  
 NA Not Analyzed



SOURCE:  
 Modified from a map  
 provided by  
 Morrow Surveying

FN 21010006\_QM

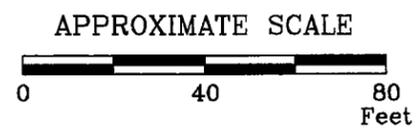
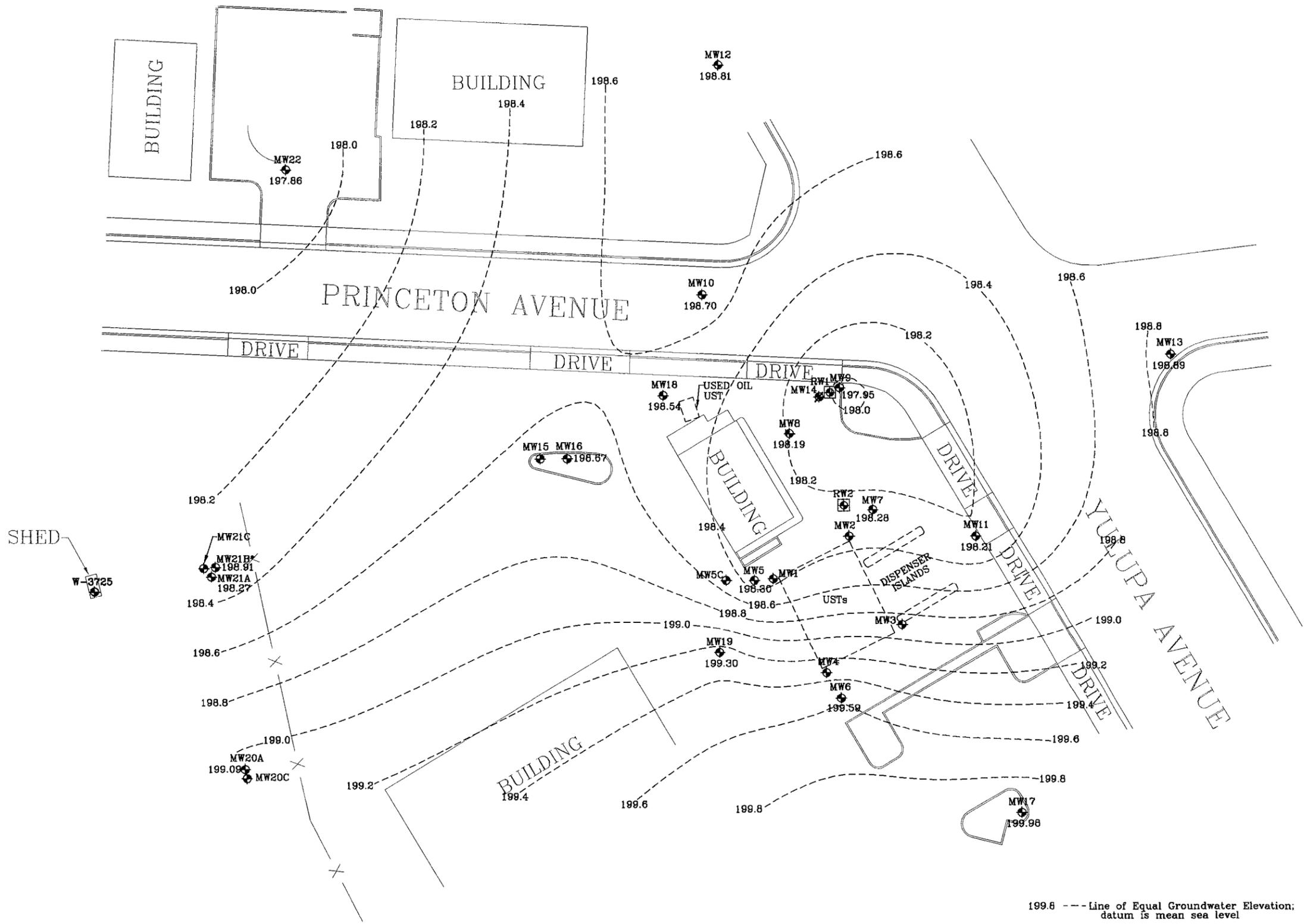
**SELECT ANALYTICAL RESULTS**  
**January 9 and 10, 2006**  
 FORMER  
 EXXON SERVICE STATION 7-0277  
 1101 Yulupa Avenue  
 Santa Rosa, California

**EXPLANATION**

- MW22 Groundwater Monitoring Well, Upper Zone
- RW2 Groundwater Recovery Well
- MW14 Destroyed Groundwater Monitoring Well
- MW21C Groundwater Monitoring Well, Lower Zone
- MW21B\* Groundwater Monitoring Well, Intermediate Zone
- W-3725 Domestic Irrigation Well, 3735 Mayette Avenue

**PROJECT NO.**  
 2101  
**PLATE**  
 2





FN 21010006\_QM

199.8 --- Line of Equal Groundwater Elevation;  
datum is mean sea level

**Note:**  
Groundwater Monitoring Well 21B not  
contoured because it is screened over  
an intermediate interval.

**SOURCE:**  
Modified from a map  
provided by  
Morrow Surveying

**GROUNDWATER ELEVATION MAP**  
Upper Water-Bearing Zone - January 9, 2006  
FORMER  
EXXON SERVICE STATION 7-0277  
1101 Yulupa Avenue  
Santa Rosa, California

**EXPLANATION**

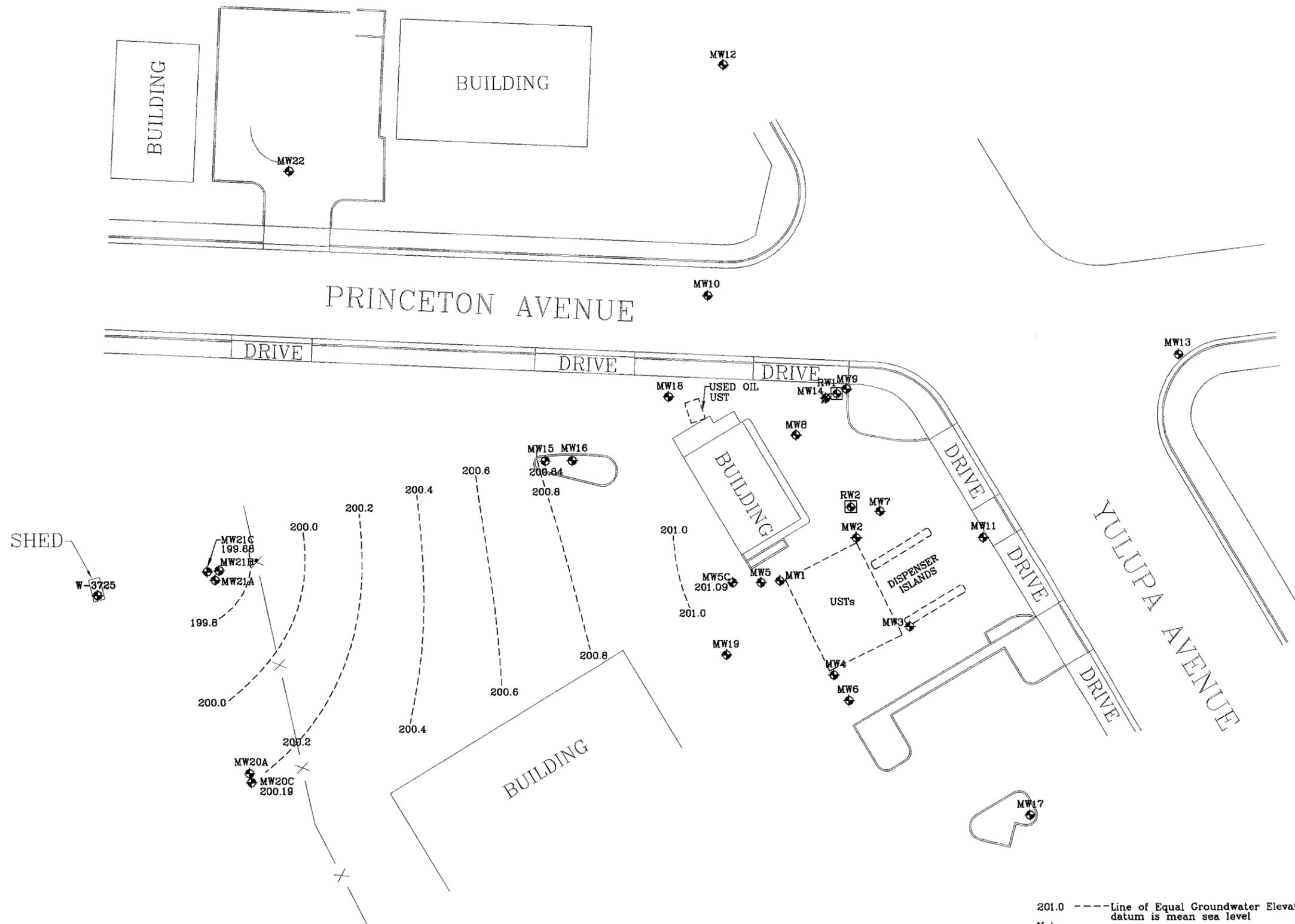
- MW22  
◆ Groundwater Monitoring Well, Upper Zone  
197.86 Groundwater elevation in feet;  
datum is mean sea level
- RW2  
⊠ Groundwater Recovery Well
- MW14  
◆ Destroyed Groundwater Monitoring Well

- MW21C  
◆ Groundwater Monitoring Well, Lower Zone
- MW21B\*  
◆ Groundwater Monitoring Well, Intermediate Zone
- W-3725  
◆ Domestic Irrigation Well, 3735 Mayette Avenue

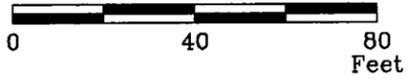
**PROJECT NO.**  
2101

**PLATE**  
3





APPROXIMATE SCALE



201.0 --- Line of Equal Groundwater Elevation; datum is mean sea level

Note: Groundwater Monitoring Well 21B is not contoured because it is screened over a different interval than the other Monitoring Wells. SOURCE: Modified from a map provided by Morrow Surveying

FN 21010006\_QM

**GROUNDWATER ELEVATION MAP**  
**Lower Water-Bearing Zone - January 9, 2006**  
 FORMER  
**EXXON SERVICE STATION 7-0277**  
 1101 Yulupa Avenue  
 Santa Rosa, California

**EXPLANATION**

- MW21C  
 Groundwater Monitoring Well, Upper Zone  
 199.88 Groundwater elevation in feet; datum is mean sea level
- RW2  
 Groundwater Recovery Well
- MW14  
 Destroyed Groundwater Monitoring Well

- MW21C  
 Groundwater Monitoring Well, Lower Zone
- MW21B\*  
 Groundwater Monitoring Well, Intermediate Zone
- W-3725  
 Domestic Irrigation Well, 3735 Mayette Avenue

**PROJECT NO.**

2101

**PLATE**

4



**ATTACHMENT A**  
**GROUNDWATER SAMPLING PROTOCOL**

## GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with an ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® or polypropylene bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. If appropriate, free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is obtained. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples." The quantity of water purged from each well is calculated as follows:

1 well casing volume =  $\pi r^2 h (7.48)$  where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
$\pi$	=	ratio of the circumference of a circle to its diameter

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples." Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter [ml] glass vials, 1,000-ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the Chain-of-Custody form.

Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain-of-Custody record, to a California state-certified laboratory.

**ATTACHMENT B**

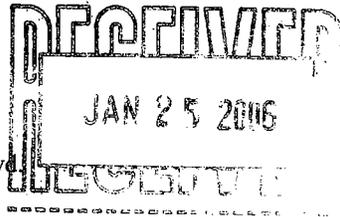
**LABORATORY ANALYTICAL REPORTS  
AND CHAIN-OF-CUSTODY RECORDS**

# Test America

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

January 23, 2006



Client: ERI Petaluma (10228)  
601 North McDowell Blvd  
Petaluma, CA 94954  
Attn: James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Nbr: 2101 1316600  
Date Received: 01/12/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW5	NPA1130-01	01/10/06 17:20
MW6	NPA1130-02	01/10/06 16:25
MW7	NPA1130-03	01/10/06 16:40
MW8	NPA1130-04	01/10/06 17:45
MW9	NPA1130-05	01/10/06 16:00
MW10	NPA1130-06	01/09/06 17:20
MW11	NPA1130-07	01/10/06 16:15
MW12	NPA1130-08	01/09/06 16:50
MW13	NPA1130-09	01/09/06 16:00
MW15	NPA1130-10	01/10/06 16:30
MW16	NPA1130-11	01/10/06 16:45
MW17	NPA1130-12	01/10/06 17:05
MW18	NPA1130-13	01/10/06 17:20
MW19	NPA1130-14	01/10/06 16:50
MW5C	NPA1130-15	01/10/06 17:30
MW20A	NPA1130-16	01/10/06 15:15
MW20C	NPA1130-17	01/10/06 15:30
MW21A	NPA1130-18	01/10/06 16:00
MW21B	NPA1130-19	01/10/06 15:55
MW21C	NPA1130-20	01/10/06 15:45
MW22	NPA1130-21	01/10/06 16:15
QCBB	NPA1130-22	01/10/06 14:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

# Test America

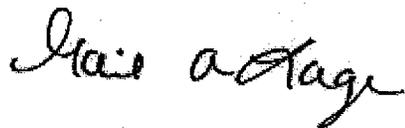
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954

Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00



Gail A Lage  
Senior Project Manager

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-01 (MW5 - Water) Sampled: 01/10/06 17:20</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Benzene	23.4		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Ethylbenzene	773		ug/L	5.00	10	01/18/06 21:53	SW846 8260B	6012899
Ethanol	ND		ug/L	200	1	01/18/06 05:35	SW846 8260B	6012296
Toluene	2.53		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Methyl tert-Butyl Ether	6.69		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Xylenes, total	375		ug/L	0.500	1	01/18/06 05:35	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 05:35	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					01/18/06 05:35	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	94 %					01/18/06 21:53	SW846 8260B	6012899
Surr: Dibromofluoromethane (79-122%)	92 %					01/18/06 05:35	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	95 %					01/18/06 21:53	SW846 8260B	6012899
Surr: Toluene-d8 (78-121%)	95 %					01/18/06 05:35	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	93 %					01/18/06 21:53	SW846 8260B	6012899
Surr: 4-Bromofluorobenzene (78-126%)	99 %					01/18/06 05:35	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	88 %					01/18/06 21:53	SW846 8260B	6012899
Extractable Petroleum Hydrocarbons								
Diesel	803		ug/L	50.0	1	01/15/06 00:00	SW846 8015B	6011987
Surr: o-Terphenyl (55-150%)	66 %					01/15/06 00:00	SW846 8015B	6011987
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	3710		ug/L	500	10	01/17/06 22:47	SW846 8015B	6012245
Surr: a,a,a-Trifluorotoluene (63-134%)	93 %					01/17/06 22:47	SW846 8015B	6012245
<b>Sample ID: NPA1130-02 (MW6 - Water) Sampled: 01/10/06 16:25</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Ethylbenzene	2.99		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 06:04	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Xylenes, total	7.09		ug/L	0.500	1	01/18/06 06:04	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 06:04	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					01/18/06 06:04	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	94 %					01/18/06 06:04	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	94 %					01/18/06 06:04	SW846 8260B	6012296

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-02 (MW6 - Water) - cont. Sampled: 01/10/06 16:25</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	94 %					01/18/06 06:04	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/15/06 00:16	SW846 8015B	6011987
Surr: o-Terphenyl (55-150%)	82 %					01/15/06 00:16	SW846 8015B	6011987
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	191		ug/L	50.0	1	01/17/06 19:18	SW846 8015B	6012245
Surr: a,a,a-Trifluorotoluene (63-134%)	97 %					01/17/06 19:18	SW846 8015B	6012245
<b>Sample ID: NPA1130-03 (MW7 - Water) Sampled: 01/10/06 16:40</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Ethylbenzene	1.10		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 06:33	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Methyl tert-Butyl Ether	2.61		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Xylenes, total	3.01		ug/L	0.500	1	01/18/06 06:33	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 06:33	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					01/18/06 06:33	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	95 %					01/18/06 06:33	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	94 %					01/18/06 06:33	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	89 %					01/18/06 06:33	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	1240		ug/L	50.0	1	01/13/06 16:40	SW846 8015B	6011897
Surr: o-Terphenyl (55-150%)	70 %					01/13/06 16:40	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 19:53	SW846 8015B	6012245
Surr: a,a,a-Trifluorotoluene (63-134%)	93 %					01/17/06 19:53	SW846 8015B	6012245

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Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-04 (MW8 - Water) Sampled: 01/10/06 17:45</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Ethylbenzene	0.760		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 07:02	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Methyl tert-Butyl Ether	27.7		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Xylenes, total	1.53		ug/L	0.500	1	01/18/06 07:02	SW846 8260B	6012296
Tertiary Butyl Alcohol	17.2		ug/L	10.0	1	01/18/06 07:02	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					01/18/06 07:02	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	95 %					01/18/06 07:02	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	95 %					01/18/06 07:02	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	92 %					01/18/06 07:02	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 16:57	SW846 8015B	6011897
Surr: o-Terphenyl (55-150%)	86 %					01/13/06 16:57	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 20:28	SW846 8015B	6012245
Surr: a,a,a-Trifluorotoluene (63-134%)	94 %					01/17/06 20:28	SW846 8015B	6012245
<b>Sample ID: NPA1130-05 (MW9 - Water) Sampled: 01/10/06 16:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 07:31	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Methyl tert-Butyl Ether	4.63		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 07:31	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 07:31	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					01/18/06 07:31	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	96 %					01/18/06 07:31	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	94 %					01/18/06 07:31	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	90 %					01/18/06 07:31	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	54.7		ug/L	50.0	1	01/13/06 17:14	SW846 8015B	6011897

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-05 (MW9 - Water) - cont. Sampled: 01/10/06 16:00</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	84 %					01/13/06 17:14	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/16/06 14:05	SW846 8015B	6012461
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	84 %					01/16/06 14:05	SW846 8015B	6012461
<b>Sample ID: NPA1130-06 (MW10 - Water) Sampled: 01/09/06 17:20</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 08:00	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Methyl tert-Butyl Ether	10.7		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 08:00	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 08:00	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	91 %					01/18/06 08:00	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	96 %					01/18/06 08:00	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	97 %					01/18/06 08:00	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	90 %					01/18/06 08:00	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 17:31	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	86 %					01/13/06 17:31	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/15/06 15:52	SW846 8015B	6012341
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	96 %					01/15/06 15:52	SW846 8015B	6012341

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-07 (MW11 - Water) Sampled: 01/10/06 16:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 08:28	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Methyl tert-Butyl Ether	1.82		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 08:28	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 08:28	SW846 8260B	6012296
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	91 %					01/18/06 08:28	SW846 8260B	6012296
<i>Surr: Dibromofluoromethane (79-122%)</i>	96 %					01/18/06 08:28	SW846 8260B	6012296
<i>Surr: Toluene-d8 (78-121%)</i>	96 %					01/18/06 08:28	SW846 8260B	6012296
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	84 %					01/18/06 08:28	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	212		ug/L	50.0	1	01/13/06 17:48	SW846 8015B	6011897
<i>Surr: o-Terphenyl (55-150%)</i>	98 %					01/13/06 17:48	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/16/06 14:36	SW846 8015B	6012461
<i>Surr: a,a,a-Trifluorotoluene (63-134%)</i>	85 %					01/16/06 14:36	SW846 8015B	6012461
<b>Sample ID: NPA1130-08 (MW12 - Water) Sampled: 01/09/06 16:50</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 08:58	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 08:58	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 08:58	SW846 8260B	6012296
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	91 %					01/18/06 08:58	SW846 8260B	6012296
<i>Surr: Dibromofluoromethane (79-122%)</i>	95 %					01/18/06 08:58	SW846 8260B	6012296
<i>Surr: Toluene-d8 (78-121%)</i>	95 %					01/18/06 08:58	SW846 8260B	6012296
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	88 %					01/18/06 08:58	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 18:05	SW846 8015B	6011897

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601 North McDowell Blvd.  
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Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-08 (MW12 - Water) - cont. Sampled: 01/09/06 16:50</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	86 %					01/13/06 18:05	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/15/06 16:24	SW846 8015B	6012341
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	97 %					01/15/06 16:24	SW846 8015B	6012341
<b>Sample ID: NPA1130-09 (MW13 - Water) Sampled: 01/09/06 16:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 09:27	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 09:27	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 09:27	SW846 8260B	6012296
Surr: 1,2-Dichloroethane- <i>d</i> 4 (70-130%)	94 %					01/18/06 09:27	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	99 %					01/18/06 09:27	SW846 8260B	6012296
Surr: Toluene- <i>d</i> 8 (78-121%)	95 %					01/18/06 09:27	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	87 %					01/18/06 09:27	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 18:22	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	84 %					01/13/06 18:22	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/15/06 16:56	SW846 8015B	6012341
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	97 %					01/15/06 16:56	SW846 8015B	6012341

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-10 (MW15 - Water) Sampled: 01/10/06 16:30</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 09:56	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Methyl tert-Butyl Ether	1.25		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 09:56	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 09:56	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	93 %					01/18/06 09:56	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	97 %					01/18/06 09:56	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	97 %					01/18/06 09:56	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	88 %					01/18/06 09:56	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 18:39	SW846 8015B	6011897
Surr: o-Terphenyl (55-150%)	86 %					01/13/06 18:39	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 00:16	SW846 8015B	6012489
Surr: a,a,a-Trifluorotoluene (63-134%)	70 %					01/17/06 00:16	SW846 8015B	6012489
<b>Sample ID: NPA1130-11 (MW16 - Water) Sampled: 01/10/06 16:45</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 10:24	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Methyl tert-Butyl Ether	68.7		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 10:24	SW846 8260B	6012296
Tertiary Butyl Alcohol	24.3		ug/L	10.0	1	01/18/06 10:24	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					01/18/06 10:24	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	100 %					01/18/06 10:24	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	95 %					01/18/06 10:24	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	91 %					01/18/06 10:24	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 18:56	SW846 8015B	6011897

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-11 (MW16 - Water) - cont. Sampled: 01/10/06 16:45</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	90 %					01/13/06 18:56	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	106		ug/L	50.0	1	01/17/06 00:47	SW846 8015B	6012489
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	65 %					01/17/06 00:47	SW846 8015B	6012489
<b>Sample ID: NPA1130-12 (MW17 - Water) Sampled: 01/10/06 17:05</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 10:53	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 10:53	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 10:53	SW846 8260B	6012296
Surr: 1,2-Dichloroethane- <i>d</i> 4 (70-130%)	94 %					01/18/06 10:53	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	98 %					01/18/06 10:53	SW846 8260B	6012296
Surr: Toluene- <i>d</i> 8 (78-121%)	94 %					01/18/06 10:53	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	86 %					01/18/06 10:53	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 19:13	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	87 %					01/13/06 19:13	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 01:19	SW846 8015B	6012489
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	72 %					01/17/06 01:19	SW846 8015B	6012489

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-13 (MW18 - Water) Sampled: 01/10/06 17:20</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 11:22	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Methyl tert-Butyl Ether	28.8		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 11:22	SW846 8260B	6012296
Tertiary Butyl Alcohol	11.6		ug/L	10.0	1	01/18/06 11:22	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	93 %					01/18/06 11:22	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	95 %					01/18/06 11:22	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	97 %					01/18/06 11:22	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	82 %					01/18/06 11:22	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	107		ug/L	50.0	1	01/13/06 19:30	SW846 8015B	6011897
Surr: o-Terphenyl (55-150%)	80 %					01/13/06 19:30	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	52.3		ug/L	50.0	1	01/17/06 01:50	SW846 8015B	6012489
Surr: a,a,a-Trifluorotoluene (63-134%)	72 %					01/17/06 01:50	SW846 8015B	6012489
<b>Sample ID: NPA1130-14 (MW19 - Water) Sampled: 01/10/06 16:50</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 11:51	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 11:51	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 11:51	SW846 8260B	6012296
Surr: 1,2-Dichloroethane-d4 (70-130%)	91 %					01/18/06 11:51	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	91 %					01/18/06 11:51	SW846 8260B	6012296
Surr: Toluene-d8 (78-121%)	96 %					01/18/06 11:51	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	88 %					01/18/06 11:51	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 20:21	SW846 8015B	6011897

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-14 (MW19 - Water) - cont. Sampled: 01/10/06 16:50</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	78 %					01/13/06 20:21	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 02:21	SW846 8015B	6012489
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	64 %					01/17/06 02:21	SW846 8015B	6012489
<b>Sample ID: NPA1130-15 (MW5C - Water) Sampled: 01/10/06 17:30</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Ethylbenzene	0.550		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 12:20	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Methyl tert-Butyl Ether	1.88		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 12:20	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 12:20	SW846 8260B	6012296
Surr: 1,2-Dichloroethane- <i>d</i> 4 (70-130%)	94 %					01/18/06 12:20	SW846 8260B	6012296
Surr: Dibromofluoromethane (79-122%)	98 %					01/18/06 12:20	SW846 8260B	6012296
Surr: Toluene- <i>d</i> 8 (78-121%)	97 %					01/18/06 12:20	SW846 8260B	6012296
Surr: 4-Bromofluorobenzene (78-126%)	88 %					01/18/06 12:20	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	79.2		ug/L	50.0	1	01/13/06 20:38	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	84 %					01/13/06 20:38	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 02:53	SW846 8015B	6012489
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	64 %					01/17/06 02:53	SW846 8015B	6012489

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-16 (MW20A - Water) Sampled: 01/10/06 15:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 12:49	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Methyl tert-Butyl Ether	<b>0.960</b>		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 12:49	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 12:49	SW846 8260B	6012296
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	92 %					01/18/06 12:49	SW846 8260B	6012296
<i>Surr: Dibromofluoromethane (79-122%)</i>	94 %					01/18/06 12:49	SW846 8260B	6012296
<i>Surr: Toluene-d8 (78-121%)</i>	95 %					01/18/06 12:49	SW846 8260B	6012296
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	89 %					01/18/06 12:49	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	<b>55.0</b>		ug/L	50.0	1	01/13/06 20:55	SW846 8015B	6011897
<i>Surr: o-Terphenyl (55-150%)</i>	87 %					01/13/06 20:55	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 13:22	SW846 8015B	6012534
<i>Surr: a,a,a-Trifluorotoluene (63-134%)</i>	83 %					01/17/06 13:22	SW846 8015B	6012534
<b>Sample ID: NPA1130-17 (MW20C - Water) Sampled: 01/10/06 15:30</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Benzene	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Ethanol	ND		ug/L	200	1	01/18/06 13:17	SW846 8260B	6012296
Toluene	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Methyl tert-Butyl Ether	<b>1.34</b>		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Xylenes, total	ND		ug/L	0.500	1	01/18/06 13:17	SW846 8260B	6012296
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 13:17	SW846 8260B	6012296
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	95 %					01/18/06 13:17	SW846 8260B	6012296
<i>Surr: Dibromofluoromethane (79-122%)</i>	93 %					01/18/06 13:17	SW846 8260B	6012296
<i>Surr: Toluene-d8 (78-121%)</i>	96 %					01/18/06 13:17	SW846 8260B	6012296
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	83 %					01/18/06 13:17	SW846 8260B	6012296
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 21:13	SW846 8015B	6011897

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-17 (MW20C - Water) - cont. Sampled: 01/10/06 15:30</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	82 %					01/13/06 21:13	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/16/06 15:08	SW846 8015B	6012461
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	80 %					01/16/06 15:08	SW846 8015B	6012461
<b>Sample ID: NPA1130-18 (MW21A - Water) Sampled: 01/10/06 16:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Benzene	2.82		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Ethanol	ND		ug/L	50.0	1	01/18/06 22:22	SW846 8260B	6012899
Toluene	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Methyl tert-Butyl Ether	37.3		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Xylenes, total	ND		ug/L	0.500	1	01/18/06 22:22	SW846 8260B	6012899
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 22:22	SW846 8260B	6012899
Surr: 1,2-Dichloroethane- <i>d</i> 4 (70-130%)	92 %					01/18/06 22:22	SW846 8260B	6012899
Surr: Dibromofluoromethane (79-122%)	98 %					01/18/06 22:22	SW846 8260B	6012899
Surr: Toluene- <i>d</i> 8 (78-121%)	92 %					01/18/06 22:22	SW846 8260B	6012899
Surr: 4-Bromofluorobenzene (78-126%)	94 %					01/18/06 22:22	SW846 8260B	6012899
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 21:30	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	70 %					01/13/06 21:30	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	174		ug/L	50.0	1	01/16/06 15:39	SW846 8015B	6012461
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	89 %					01/16/06 15:39	SW846 8015B	6012461

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
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Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-19 (MW21B - Water) Sampled: 01/10/06 15:55</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Benzene	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Ethanol	ND		ug/L	50.0	1	01/18/06 22:51	SW846 8260B	6012899
Toluene	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Methyl tert-Butyl Ether	20.2		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Xylenes, total	ND		ug/L	0.500	1	01/18/06 22:51	SW846 8260B	6012899
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 22:51	SW846 8260B	6012899
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	91 %					01/18/06 22:51	SW846 8260B	6012899
<i>Surr: Dibromofluoromethane (79-122%)</i>	96 %					01/18/06 22:51	SW846 8260B	6012899
<i>Surr: Toluene-d8 (78-121%)</i>	92 %					01/18/06 22:51	SW846 8260B	6012899
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	91 %					01/18/06 22:51	SW846 8260B	6012899
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 21:47	SW846 8015B	6011897
<i>Surr: o-Terphenyl (55-150%)</i>	81 %					01/13/06 21:47	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 13:53	SW846 8015B	6012534
<i>Surr: a,a,a-Trifluorotoluene (63-134%)</i>	82 %					01/17/06 13:53	SW846 8015B	6012534
<b>Sample ID: NPA1130-20 (MW21C - Water) Sampled: 01/10/06 15:45</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Benzene	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Ethanol	ND		ug/L	50.0	1	01/18/06 23:20	SW846 8260B	6012899
Toluene	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Methyl tert-Butyl Ether	0.560		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Xylenes, total	ND		ug/L	0.500	1	01/18/06 23:20	SW846 8260B	6012899
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 23:20	SW846 8260B	6012899
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	94 %					01/18/06 23:20	SW846 8260B	6012899
<i>Surr: Dibromofluoromethane (79-122%)</i>	99 %					01/18/06 23:20	SW846 8260B	6012899
<i>Surr: Toluene-d8 (78-121%)</i>	94 %					01/18/06 23:20	SW846 8260B	6012899
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	91 %					01/18/06 23:20	SW846 8260B	6012899
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 22:04	SW846 8015B	6011897

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-20 (MW21C - Water) - cont. Sampled: 01/10/06 15:45</b>								
Extractable Petroleum Hydrocarbons - cont.								
Surr: <i>o</i> -Terphenyl (55-150%)	78 %					01/13/06 22:04	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/17/06 14:25	SW846 8015B	6012534
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	83 %					01/17/06 14:25	SW846 8015B	6012534
<b>Sample ID: NPA1130-21 (MW22 - Water) Sampled: 01/10/06 16:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Benzene	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
1,2-Dichloroethane	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Ethylbenzene	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Ethanol	ND		ug/L	50.0	1	01/18/06 23:49	SW846 8260B	6012899
Toluene	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Diisopropyl Ether	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Methyl tert-Butyl Ether	1.14		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Xylenes, total	ND		ug/L	0.500	1	01/18/06 23:49	SW846 8260B	6012899
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 23:49	SW846 8260B	6012899
Surr: 1,2-Dichloroethane-d4 (70-130%)	92 %					01/18/06 23:49	SW846 8260B	6012899
Surr: Dibromofluoromethane (79-122%)	97 %					01/18/06 23:49	SW846 8260B	6012899
Surr: Toluene-d8 (78-121%)	94 %					01/18/06 23:49	SW846 8260B	6012899
Surr: 4-Bromofluorobenzene (78-126%)	88 %					01/18/06 23:49	SW846 8260B	6012899
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 22:21	SW846 8015B	6011897
Surr: <i>o</i> -Terphenyl (55-150%)	73 %					01/13/06 22:21	SW846 8015B	6011897
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	50.0	1	01/16/06 16:10	SW846 8015B	6012461
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	83 %					01/16/06 16:10	SW846 8015B	6012461

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1130-22 (QCBB - Water) Sampled: 01/10/06 14:00</b>								
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	50.0	1	01/13/06 22:39	SW846 8015B	6011897
<i>Surr: o-Terphenyl (55-150%)</i>	83 %					01/13/06 22:39	SW846 8015B	6011897

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol		Date	Analyst	Extraction Method
			Extracted	Extracted Vol			
<b>Extractable Petroleum Hydrocarbons</b>							
SW846 8015B	6011987	NPA1130-01	1000.00	1.00	01/13/06 10:30	KLG	EPA 3510C
SW846 8015B	6011987	NPA1130-02	1000.00	1.00	01/13/06 10:30	KLG	EPA 3510C
SW846 8015B	6011897	NPA1130-03	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-04	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-05	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-06	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-07	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-08	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-09	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-10	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-11	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-12	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-13	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-14	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-15	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-16	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-17	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-18	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-19	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-20	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-21	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C
SW846 8015B	6011897	NPA1130-22	1000.00	1.00	01/12/06 20:42	AEB	EPA 3510C

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6012296-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
1,2-Dibromoethane (EDB)	<0.250		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Benzene	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
1,2-Dichloroethane	<0.390		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Ethylbenzene	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Ethanol	<39.2		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Toluene	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Ethyl tert-Butyl Ether	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Diisopropyl Ether	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Methyl tert-Butyl Ether	<0.200		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Xylenes, total	<0.350		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Tertiary Butyl Alcohol	<5.06		ug/L	6012296	6012296-BLK1	01/17/06 16:07
Surrogate: 1,2-Dichloroethane-d4	90%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: 1,2-Dichloroethane-d4	90%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: Dibromofluoromethane	95%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: Dibromofluoromethane	95%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: Toluene-d8	96%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: Toluene-d8	96%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: 4-Bromofluorobenzene	98%			6012296	6012296-BLK1	01/17/06 16:07
Surrogate: 4-Bromofluorobenzene	98%			6012296	6012296-BLK1	01/17/06 16:07
<b>6012296-BLK2</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
1,2-Dibromoethane (EDB)	<0.250		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Benzene	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
1,2-Dichloroethane	<0.390		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Ethylbenzene	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Ethanol	<39.2		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Toluene	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Ethyl tert-Butyl Ether	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Diisopropyl Ether	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Methyl tert-Butyl Ether	<0.200		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Xylenes, total	<0.350		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Tertiary Butyl Alcohol	<5.06		ug/L	6012296	6012296-BLK2	01/18/06 04:09
Surrogate: 1,2-Dichloroethane-d4	92%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: 1,2-Dichloroethane-d4	92%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: Dibromofluoromethane	94%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: Dibromofluoromethane	94%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: Toluene-d8	96%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: Toluene-d8	96%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: 4-Bromofluorobenzene	91%			6012296	6012296-BLK2	01/18/06 04:09
Surrogate: 4-Bromofluorobenzene	91%			6012296	6012296-BLK2	01/18/06 04:09

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

## PROJECT QUALITY CONTROL DATA

### Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6012899-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
1,2-Dibromoethane (EDB)	<0.250		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Benzene	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
1,2-Dichloroethane	<0.390		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Ethylbenzene	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Ethanol	<39.2		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Toluene	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Ethyl tert-Butyl Ether	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Diisopropyl Ether	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Methyl tert-Butyl Ether	<0.200		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Xylenes, total	<0.350		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Tertiary Butyl Alcohol	<5.06		ug/L	6012899	6012899-BLK1	01/18/06 17:04
Surrogate: 1,2-Dichloroethane-d4	88%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: 1,2-Dichloroethane-d4	88%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: Dibromofluoromethane	89%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: Dibromofluoromethane	89%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: Toluene-d8	96%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: Toluene-d8	96%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: 4-Bromofluorobenzene	92%			6012899	6012899-BLK1	01/18/06 17:04
Surrogate: 4-Bromofluorobenzene	92%			6012899	6012899-BLK1	01/18/06 17:04
<b>Extractable Petroleum Hydrocarbons</b>						
<b>6011897-BLK1</b>						
Diesel	<33.0		ug/L	6011897	6011897-BLK1	01/13/06 16:06
Surrogate: o-Terphenyl	76%			6011897	6011897-BLK1	01/13/06 16:06
<b>6011987-BLK2</b>						
Diesel	<33.0		ug/L	6011987	6011987-BLK2	01/16/06 13:50
Surrogate: o-Terphenyl	86%			6011987	6011987-BLK2	01/16/06 13:50
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6012245-BLK1</b>						
GRO as Gasoline	<39.0		ug/L	6012245	6012245-BLK1	01/17/06 12:16
Surrogate: a,a,a-Trifluorotoluene	95%			6012245	6012245-BLK1	01/17/06 12:16
<b>6012341-BLK1</b>						
GRO as Gasoline	<39.0		ug/L	6012341	6012341-BLK1	01/15/06 13:19
Surrogate: a,a,a-Trifluorotoluene	95%			6012341	6012341-BLK1	01/15/06 13:19
<b>6012461-BLK1</b>						
GRO as Gasoline	<33.0		ug/L	6012461	6012461-BLK1	01/16/06 13:18

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6012461-BLK1</b>						
<i>Surrogate: a,a,a-Trifluorotoluene</i>	79%			6012461	6012461-BLK1	01/16/06 13:18
<b>6012461-BLK2</b>						
GRO as Gasoline	<33.0		ug/L	6012461	6012461-BLK2	01/17/06 02:37
<i>Surrogate: a,a,a-Trifluorotoluene</i>	84%			6012461	6012461-BLK2	01/17/06 02:37
<b>6012489-BLK1</b>						
GRO as Gasoline	<39.0		ug/L	6012489	6012489-BLK1	01/16/06 23:45
<i>Surrogate: a,a,a-Trifluorotoluene</i>	71%			6012489	6012489-BLK1	01/16/06 23:45
<b>6012489-BLK2</b>						
GRO as Gasoline	<39.0		ug/L	6012489	6012489-BLK2	01/17/06 09:53
<i>Surrogate: a,a,a-Trifluorotoluene</i>	72%			6012489	6012489-BLK2	01/17/06 09:53
<b>6012489-BLK3</b>						
GRO as Gasoline	<39.0		ug/L	6012489	6012489-BLK3	01/18/06 12:13
<i>Surrogate: a,a,a-Trifluorotoluene</i>	72%			6012489	6012489-BLK3	01/18/06 12:13
<b>6012534-BLK1</b>						
GRO as Gasoline	<39.0		ug/L	6012534	6012534-BLK1	01/17/06 12:19
<i>Surrogate: a,a,a-Trifluorotoluene</i>	81%			6012534	6012534-BLK1	01/17/06 12:19
<b>6012534-BLK2</b>						
GRO as Gasoline	<39.0		ug/L	6012534	6012534-BLK2	01/18/06 12:03
<i>Surrogate: a,a,a-Trifluorotoluene</i>	83%			6012534	6012534-BLK2	01/18/06 12:03

Client ERI Petaluma (10228)  
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Project Number: 2101 1316600  
Received: 01/12/06 08:00

PROJECT QUALITY CONTROL DATA  
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6012296-BS1</b>								
Tert-Amyl Methyl Ether	50.0	54.0		ug/L	108%	56 - 145	6012296	01/17/06 15:09
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	75 - 128	6012296	01/17/06 15:09
Benzene	50.0	50.9		ug/L	102%	79 - 123	6012296	01/17/06 15:09
1,2-Dichloroethane	50.0	50.9		ug/L	102%	74 - 131	6012296	01/17/06 15:09
Ethylbenzene	50.0	53.3		ug/L	107%	79 - 125	6012296	01/17/06 15:09
Ethanol	5000	4600		ug/L	92%	55 - 152	6012296	01/17/06 15:09
Toluene	50.0	56.3		ug/L	113%	78 - 122	6012296	01/17/06 15:09
Ethyl tert-Butyl Ether	50.0	52.9		ug/L	106%	64 - 141	6012296	01/17/06 15:09
Diisopropyl Ether	50.0	51.4		ug/L	103%	73 - 135	6012296	01/17/06 15:09
Methyl tert-Butyl Ether	50.0	50.5		ug/L	101%	66 - 142	6012296	01/17/06 15:09
Xylenes, total	150	169		ug/L	113%	79 - 130	6012296	01/17/06 15:09
Tertiary Butyl Alcohol	500	505		ug/L	101%	42 - 154	6012296	01/17/06 15:09
Surrogate: 1,2-Dichloroethane-d4	50.0	48.4			97%	70 - 130	6012296	01/17/06 15:09
Surrogate: 1,2-Dichloroethane-d4	50.0	48.4			97%	70 - 130	6012296	01/17/06 15:09
Surrogate: Dibromofluoromethane	50.0	48.2			96%	79 - 122	6012296	01/17/06 15:09
Surrogate: Dibromofluoromethane	50.0	48.2			96%	79 - 122	6012296	01/17/06 15:09
Surrogate: Toluene-d8	50.0	48.6			97%	78 - 121	6012296	01/17/06 15:09
Surrogate: Toluene-d8	50.0	48.6			97%	78 - 121	6012296	01/17/06 15:09
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	78 - 126	6012296	01/17/06 15:09
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	78 - 126	6012296	01/17/06 15:09
<b>6012296-BS2</b>								
Tert-Amyl Methyl Ether	50.0	53.2		ug/L	106%	56 - 145	6012296	01/18/06 03:11
1,2-Dibromoethane (EDB)	50.0	54.9		ug/L	110%	75 - 128	6012296	01/18/06 03:11
Benzene	50.0	51.9		ug/L	104%	79 - 123	6012296	01/18/06 03:11
1,2-Dichloroethane	50.0	51.8		ug/L	104%	74 - 131	6012296	01/18/06 03:11
Ethylbenzene	50.0	53.3		ug/L	107%	79 - 125	6012296	01/18/06 03:11
Ethanol	5000	6430		ug/L	129%	55 - 152	6012296	01/18/06 03:11
Toluene	50.0	56.3		ug/L	113%	78 - 122	6012296	01/18/06 03:11
Ethyl tert-Butyl Ether	50.0	52.9		ug/L	106%	64 - 141	6012296	01/18/06 03:11
Diisopropyl Ether	50.0	53.2		ug/L	106%	73 - 135	6012296	01/18/06 03:11
Methyl tert-Butyl Ether	50.0	50.3		ug/L	101%	66 - 142	6012296	01/18/06 03:11
Xylenes, total	150	167		ug/L	111%	79 - 130	6012296	01/18/06 03:11
Tertiary Butyl Alcohol	500	577		ug/L	115%	42 - 154	6012296	01/18/06 03:11
Surrogate: 1,2-Dichloroethane-d4	50.0	46.3			93%	70 - 130	6012296	01/18/06 03:11
Surrogate: 1,2-Dichloroethane-d4	50.0	46.3			93%	70 - 130	6012296	01/18/06 03:11
Surrogate: Dibromofluoromethane	50.0	47.4			95%	79 - 122	6012296	01/18/06 03:11
Surrogate: Dibromofluoromethane	50.0	47.4			95%	79 - 122	6012296	01/18/06 03:11
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6012296	01/18/06 03:11
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6012296	01/18/06 03:11
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	78 - 126	6012296	01/18/06 03:11
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	78 - 126	6012296	01/18/06 03:11

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

PROJECT QUALITY CONTROL DATA  
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6012899-BS1</b>								
Tert-Amyl Methyl Ether	50.0	53.8		ug/L	108%	56 - 145	6012899	01/18/06 16:06
1,2-Dibromoethane (EDB)	50.0	48.2		ug/L	96%	75 - 128	6012899	01/18/06 16:06
Benzene	50.0	44.8		ug/L	90%	79 - 123	6012899	01/18/06 16:06
1,2-Dichloroethane	50.0	48.0		ug/L	96%	74 - 131	6012899	01/18/06 16:06
Ethylbenzene	50.0	45.6		ug/L	91%	79 - 125	6012899	01/18/06 16:06
Ethanol	5000	7340		ug/L	147%	55 - 152	6012899	01/18/06 16:06
Toluene	50.0	47.9		ug/L	96%	78 - 122	6012899	01/18/06 16:06
Ethyl tert-Butyl Ether	50.0	49.0		ug/L	98%	64 - 141	6012899	01/18/06 16:06
Diisopropyl Ether	50.0	47.3		ug/L	95%	73 - 135	6012899	01/18/06 16:06
Methyl tert-Butyl Ether	50.0	49.1		ug/L	98%	66 - 142	6012899	01/18/06 16:06
Xylenes, total	150	145		ug/L	97%	79 - 130	6012899	01/18/06 16:06
Tertiary Butyl Alcohol	500	544		ug/L	109%	42 - 154	6012899	01/18/06 16:06
Surrogate: 1,2-Dichloroethane-d4	50.0	42.3			85%	70 - 130	6012899	01/18/06 16:06
Surrogate: 1,2-Dichloroethane-d4	50.0	42.3			85%	70 - 130	6012899	01/18/06 16:06
Surrogate: Dibromofluoromethane	50.0	45.3			91%	79 - 122	6012899	01/18/06 16:06
Surrogate: Dibromofluoromethane	50.0	45.3			91%	79 - 122	6012899	01/18/06 16:06
Surrogate: Toluene-d8	50.0	46.1			92%	78 - 121	6012899	01/18/06 16:06
Surrogate: Toluene-d8	50.0	46.1			92%	78 - 121	6012899	01/18/06 16:06
Surrogate: 4-Bromofluorobenzene	50.0	45.0			90%	78 - 126	6012899	01/18/06 16:06
Surrogate: 4-Bromofluorobenzene	50.0	45.0			90%	78 - 126	6012899	01/18/06 16:06
<b>Extractable Petroleum Hydrocarbons</b>								
<b>6011897-BS1</b>								
Diesel	1000	771	MNR1	ug/L	77%	49 - 118	6011897	01/13/06 16:23
Surrogate: o-Terphenyl	20.0	17.4	MNR1		87%	55 - 150	6011897	01/13/06 16:23
<b>6011987-BS1</b>								
Diesel	1000	816		ug/L	82%	49 - 118	6011987	01/14/06 23:43
Surrogate: o-Terphenyl	20.0	19.9			100%	55 - 150	6011987	01/14/06 23:43
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6012245-BS1</b>								
GRO as Gasoline	1000	834		ug/L	83%	68 - 128	6012245	01/18/06 00:31
Surrogate: a,a,a-Trifluorotoluene	30.0	32.3			108%	63 - 134	6012245	01/18/06 00:31
<b>6012341-BS2</b>								
GRO as Gasoline	1000	779		ug/L	78%	68 - 128	6012341	01/16/06 02:32
Surrogate: a,a,a-Trifluorotoluene	30.0	31.6			105%	63 - 134	6012341	01/16/06 02:32
<b>6012461-BS1</b>								
GRO as Gasoline	1000	935		ug/L	94%	68 - 128	6012461	01/17/06 01:34

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6012461-BS1</b>								
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	26.7			89%	63 - 134	6012461	01/17/06 01:34
<b>6012461-BS2</b>								
GRO as Gasoline	1000	1100		ug/L	110%	68 - 128	6012461	01/17/06 11:07
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	26.1			87%	63 - 134	6012461	01/17/06 11:07
<b>6012489-BS2</b>								
GRO as Gasoline	1000	1040		ug/L	104%	68 - 128	6012489	01/17/06 07:34
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	24.8			83%	63 - 134	6012489	01/17/06 07:34
<b>6012489-BS4</b>								
GRO as Gasoline	1000	991		ug/L	99%	68 - 128	6012489	01/17/06 09:21
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	23.8			79%	63 - 134	6012489	01/17/06 09:21
<b>6012489-BS6</b>								
GRO as Gasoline	1000	1050		ug/L	105%	68 - 128	6012489	01/19/06 00:26
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	24.7			82%	63 - 134	6012489	01/19/06 00:26
<b>6012534-BS1</b>								
GRO as Gasoline	1000	1030		ug/L	103%	68 - 128	6012534	01/17/06 22:15
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	25.1			84%	63 - 134	6012534	01/17/06 22:15
<b>6012534-BS2</b>								
GRO as Gasoline	1000	1170		ug/L	117%	68 - 128	6012534	01/18/06 14:08
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	24.9			83%	63 - 134	6012534	01/18/06 14:08

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Project Number: 2101 1316600  
Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6012296-MS1</b>										
Tert-Amyl Methyl Ether	0.800	50.5		ug/L	50.0	99%	45 - 155	6012296	NPA0935-13	01/18/06 01:16
1,2-Dibromoethane (EDB)	ND	54.1		ug/L	50.0	108%	71 - 138	6012296	NPA0935-13	01/18/06 01:16
Benzene	2.93	52.6		ug/L	50.0	99%	71 - 137	6012296	NPA0935-13	01/18/06 01:16
1,2-Dichloroethane	ND	46.2		ug/L	50.0	92%	70 - 140	6012296	NPA0935-13	01/18/06 01:16
Ethylbenzene	0.770	59.7		ug/L	50.0	118%	72 - 139	6012296	NPA0935-13	01/18/06 01:16
Ethanol	6.48	6280		ug/L	5000	125%	49 - 158	6012296	NPA0935-13	01/18/06 01:16
Toluene	0.830	61.5		ug/L	50.0	121%	73 - 133	6012296	NPA0935-13	01/18/06 01:16
Ethyl tert-Butyl Ether	ND	53.0		ug/L	50.0	106%	57 - 148	6012296	NPA0935-13	01/18/06 01:16
Diisopropyl Ether	ND	52.8		ug/L	50.0	106%	67 - 143	6012296	NPA0935-13	01/18/06 01:16
Methyl tert-Butyl Ether	1.75	51.0		ug/L	50.0	98%	55 - 152	6012296	NPA0935-13	01/18/06 01:16
Xylenes, total	3.94	182		ug/L	150	119%	70 - 143	6012296	NPA0935-13	01/18/06 01:16
Tertiary Butyl Alcohol	12.7	588		ug/L	500	115%	19 - 183	6012296	NPA0935-13	01/18/06 01:16
Surrogate: 1,2-Dichloroethane-d4		42.3		ug/L	50.0	85%	70 - 130	6012296	NPA0935-13	01/18/06 01:16
Surrogate: 1,2-Dichloroethane-d4		42.3		ug/L	50.0	85%	70 - 130	6012296	NPA0935-13	01/18/06 01:16
Surrogate: Dibromofluoromethane		44.4		ug/L	50.0	89%	79 - 122	6012296	NPA0935-13	01/18/06 01:16
Surrogate: Dibromofluoromethane		44.4		ug/L	50.0	89%	79 - 122	6012296	NPA0935-13	01/18/06 01:16
Surrogate: Toluene-d8		49.2		ug/L	50.0	98%	78 - 121	6012296	NPA0935-13	01/18/06 01:16
Surrogate: Toluene-d8		49.2		ug/L	50.0	98%	78 - 121	6012296	NPA0935-13	01/18/06 01:16
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126	6012296	NPA0935-13	01/18/06 01:16
Surrogate: 4-Bromofluorobenzene		48.8		ug/L	50.0	98%	78 - 126	6012296	NPA0935-13	01/18/06 01:16
<b>6012296-MS2</b>										
Tert-Amyl Methyl Ether	ND	49.7		ug/L	50.0	99%	45 - 155	6012296	NPA1130-10	01/18/06 13:46
1,2-Dibromoethane (EDB)	ND	51.3		ug/L	50.0	103%	71 - 138	6012296	NPA1130-10	01/18/06 13:46
Benzene	ND	47.6		ug/L	50.0	95%	71 - 137	6012296	NPA1130-10	01/18/06 13:46
1,2-Dichloroethane	ND	50.4		ug/L	50.0	101%	70 - 140	6012296	NPA1130-10	01/18/06 13:46
Ethylbenzene	ND	51.5		ug/L	50.0	103%	72 - 139	6012296	NPA1130-10	01/18/06 13:46
Ethanol	ND	6720		ug/L	5000	134%	49 - 158	6012296	NPA1130-10	01/18/06 13:46
Toluene	ND	52.7		ug/L	50.0	105%	73 - 133	6012296	NPA1130-10	01/18/06 13:46
Ethyl tert-Butyl Ether	ND	47.7		ug/L	50.0	95%	57 - 148	6012296	NPA1130-10	01/18/06 13:46
Diisopropyl Ether	ND	47.6		ug/L	50.0	95%	67 - 143	6012296	NPA1130-10	01/18/06 13:46
Methyl tert-Butyl Ether	1.25	48.5		ug/L	50.0	94%	55 - 152	6012296	NPA1130-10	01/18/06 13:46
Xylenes, total	ND	163		ug/L	150	109%	70 - 143	6012296	NPA1130-10	01/18/06 13:46
Tertiary Butyl Alcohol	ND	598		ug/L	500	120%	19 - 183	6012296	NPA1130-10	01/18/06 13:46
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/L	50.0	89%	70 - 130	6012296	NPA1130-10	01/18/06 13:46
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/L	50.0	89%	70 - 130	6012296	NPA1130-10	01/18/06 13:46
Surrogate: Dibromofluoromethane		45.6		ug/L	50.0	91%	79 - 122	6012296	NPA1130-10	01/18/06 13:46
Surrogate: Dibromofluoromethane		45.6		ug/L	50.0	91%	79 - 122	6012296	NPA1130-10	01/18/06 13:46

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6012296-MS2</b>										
Surrogate: Toluene-d8		45.9		ug/L	50.0	92%	78 - 121	6012296	NPA1130-10	01/18/06 13:46
Surrogate: Toluene-d8		45.9		ug/L	50.0	92%	78 - 121	6012296	NPA1130-10	01/18/06 13:46
Surrogate: 4-Bromofluorobenzene		43.7		ug/L	50.0	87%	78 - 126	6012296	NPA1130-10	01/18/06 13:46
Surrogate: 4-Bromofluorobenzene		43.7		ug/L	50.0	87%	78 - 126	6012296	NPA1130-10	01/18/06 13:46
<b>6012899-MS1</b>										
Tert-Amyl Methyl Ether	ND	45.3		ug/L	50.0	91%	45 - 155	6012899	NPA1130-21	01/19/06 02:13
1,2-Dibromoethane (EDB)	ND	53.2		ug/L	50.0	106%	71 - 138	6012899	NPA1130-21	01/19/06 02:13
Benzene	ND	50.1		ug/L	50.0	100%	71 - 137	6012899	NPA1130-21	01/19/06 02:13
1,2-Dichloroethane	ND	47.9		ug/L	50.0	96%	70 - 140	6012899	NPA1130-21	01/19/06 02:13
Ethylbenzene	ND	55.3		ug/L	50.0	111%	72 - 139	6012899	NPA1130-21	01/19/06 02:13
Ethanol	ND	5820		ug/L	5000	116%	49 - 158	6012899	NPA1130-21	01/19/06 02:13
Toluene	ND	56.1		ug/L	50.0	112%	73 - 133	6012899	NPA1130-21	01/19/06 02:13
Ethyl tert-Butyl Ether	ND	46.0		ug/L	50.0	92%	57 - 148	6012899	NPA1130-21	01/19/06 02:13
Diisopropyl Ether	ND	47.4		ug/L	50.0	95%	67 - 143	6012899	NPA1130-21	01/19/06 02:13
Methyl tert-Butyl Ether	1.14	47.3		ug/L	50.0	92%	55 - 152	6012899	NPA1130-21	01/19/06 02:13
Xylenes, total	ND	173		ug/L	150	115%	70 - 143	6012899	NPA1130-21	01/19/06 02:13
Tertiary Butyl Alcohol	ND	529		ug/L	500	106%	19 - 183	6012899	NPA1130-21	01/19/06 02:13
Surrogate: 1,2-Dichloroethane-d4		43.9		ug/L	50.0	88%	70 - 130	6012899	NPA1130-21	01/19/06 02:13
Surrogate: 1,2-Dichloroethane-d4		43.9		ug/L	50.0	88%	70 - 130	6012899	NPA1130-21	01/19/06 02:13
Surrogate: Dibromofluoromethane		45.7		ug/L	50.0	91%	79 - 122	6012899	NPA1130-21	01/19/06 02:13
Surrogate: Dibromofluoromethane		45.7		ug/L	50.0	91%	79 - 122	6012899	NPA1130-21	01/19/06 02:13
Surrogate: Toluene-d8		46.8		ug/L	50.0	94%	78 - 121	6012899	NPA1130-21	01/19/06 02:13
Surrogate: Toluene-d8		46.8		ug/L	50.0	94%	78 - 121	6012899	NPA1130-21	01/19/06 02:13
Surrogate: 4-Bromofluorobenzene		43.8		ug/L	50.0	88%	78 - 126	6012899	NPA1130-21	01/19/06 02:13
Surrogate: 4-Bromofluorobenzene		43.8		ug/L	50.0	88%	78 - 126	6012899	NPA1130-21	01/19/06 02:13
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6012461-MS1</b>										
GRO as Gasoline	ND	1130		ug/L	1000	113%	43 - 146	6012461	NPA1130-05	01/17/06 00:32
Surrogate: a,a,a-Trifluorotoluene		26.1		ug/L	30.0	87%	63 - 134	6012461	NPA1130-05	01/17/06 00:32
<b>6012534-MS1</b>										
GRO as Gasoline	ND	1160		ug/L	1000	116%	41 - 146	6012534	NPA1130-16	01/17/06 21:13
Surrogate: a,a,a-Trifluorotoluene		26.4		ug/L	30.0	88%	63 - 134	6012534	NPA1130-16	01/17/06 21:13

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6012296-MSD1</b>												
Tert-Amyl Methyl Ether	0.800	53.7		ug/L	50.0	106%	45 - 155	6	24	6012296	NPA0935-13	01/18/06 01:45
1,2-Dibromoethane (EDB)	ND	50.7		ug/L	50.0	101%	71 - 138	6	27	6012296	NPA0935-13	01/18/06 01:45
Benzene	2.93	54.5		ug/L	50.0	103%	71 - 137	4	23	6012296	NPA0935-13	01/18/06 01:45
1,2-Dichloroethane	ND	49.1		ug/L	50.0	98%	70 - 140	6	21	6012296	NPA0935-13	01/18/06 01:45
Ethylbenzene	0.770	55.0		ug/L	50.0	108%	72 - 139	8	23	6012296	NPA0935-13	01/18/06 01:45
Ethanol	6.48	5910		ug/L	5000	118%	49 - 158	6	38	6012296	NPA0935-13	01/18/06 01:45
Toluene	0.830	59.9		ug/L	50.0	118%	73 - 133	3	25	6012296	NPA0935-13	01/18/06 01:45
Ethyl tert-Butyl Ether	ND	55.3		ug/L	50.0	111%	57 - 148	4	22	6012296	NPA0935-13	01/18/06 01:45
Diisopropyl Ether	ND	54.0		ug/L	50.0	108%	67 - 143	2	22	6012296	NPA0935-13	01/18/06 01:45
Methyl tert-Butyl Ether	1.75	53.9		ug/L	50.0	104%	55 - 152	6	27	6012296	NPA0935-13	01/18/06 01:45
Xylenes, total	3.94	173		ug/L	150	113%	70 - 143	5	27	6012296	NPA0935-13	01/18/06 01:45
Tertiary Butyl Alcohol	12.7	607		ug/L	500	119%	19 - 183	3	39	6012296	NPA0935-13	01/18/06 01:45
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/L	50.0	90%	70 - 130			6012296	NPA0935-13	01/18/06 01:45
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/L	50.0	90%	70 - 130			6012296	NPA0935-13	01/18/06 01:45
Surrogate: Dibromofluoromethane		47.5		ug/L	50.0	95%	79 - 122			6012296	NPA0935-13	01/18/06 01:45
Surrogate: Dibromofluoromethane		47.5		ug/L	50.0	95%	79 - 122			6012296	NPA0935-13	01/18/06 01:45
Surrogate: Toluene-d8		49.2		ug/L	50.0	98%	78 - 121			6012296	NPA0935-13	01/18/06 01:45
Surrogate: Toluene-d8		49.2		ug/L	50.0	98%	78 - 121			6012296	NPA0935-13	01/18/06 01:45
Surrogate: 4-Bromofluorobenzene		48.2		ug/L	50.0	96%	78 - 126			6012296	NPA0935-13	01/18/06 01:45
Surrogate: 4-Bromofluorobenzene		48.2		ug/L	50.0	96%	78 - 126			6012296	NPA0935-13	01/18/06 01:45
<b>6012296-MSD2</b>												
Tert-Amyl Methyl Ether	ND	49.6		ug/L	50.0	99%	45 - 155	0.2	24	6012296	NPA1130-10	01/18/06 14:15
1,2-Dibromoethane (EDB)	ND	48.1		ug/L	50.0	96%	71 - 138	6	27	6012296	NPA1130-10	01/18/06 14:15
Benzene	ND	46.7		ug/L	50.0	93%	71 - 137	2	23	6012296	NPA1130-10	01/18/06 14:15
1,2-Dichloroethane	ND	49.9		ug/L	50.0	100%	70 - 140	1	21	6012296	NPA1130-10	01/18/06 14:15
Ethylbenzene	ND	45.6		ug/L	50.0	91%	72 - 139	12	23	6012296	NPA1130-10	01/18/06 14:15
Ethanol	ND	7180		ug/L	5000	144%	49 - 158	7	38	6012296	NPA1130-10	01/18/06 14:15
Toluene	ND	47.0		ug/L	50.0	94%	73 - 133	11	25	6012296	NPA1130-10	01/18/06 14:15
Ethyl tert-Butyl Ether	ND	49.0		ug/L	50.0	98%	57 - 148	3	22	6012296	NPA1130-10	01/18/06 14:15
Diisopropyl Ether	ND	48.1		ug/L	50.0	96%	67 - 143	1	22	6012296	NPA1130-10	01/18/06 14:15
Methyl tert-Butyl Ether	1.25	48.6		ug/L	50.0	95%	55 - 152	0.2	27	6012296	NPA1130-10	01/18/06 14:15
Xylenes, total	ND	140		ug/L	150	93%	70 - 143	15	27	6012296	NPA1130-10	01/18/06 14:15
Tertiary Butyl Alcohol	ND	622		ug/L	500	124%	19 - 183	4	39	6012296	NPA1130-10	01/18/06 14:15
Surrogate: 1,2-Dichloroethane-d4		47.9		ug/L	50.0	96%	70 - 130			6012296	NPA1130-10	01/18/06 14:15
Surrogate: 1,2-Dichloroethane-d4		47.9		ug/L	50.0	96%	70 - 130			6012296	NPA1130-10	01/18/06 14:15
Surrogate: Dibromofluoromethane		46.1		ug/L	50.0	92%	79 - 122			6012296	NPA1130-10	01/18/06 14:15
Surrogate: Dibromofluoromethane		46.1		ug/L	50.0	92%	79 - 122			6012296	NPA1130-10	01/18/06 14:15
Surrogate: Toluene-d8		47.6		ug/L	50.0	95%	78 - 121			6012296	NPA1130-10	01/18/06 14:15
Surrogate: Toluene-d8		47.6		ug/L	50.0	95%	78 - 121			6012296	NPA1130-10	01/18/06 14:15
Surrogate: 4-Bromofluorobenzene		45.9		ug/L	50.0	92%	78 - 126			6012296	NPA1130-10	01/18/06 14:15

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6012296-MSD2</b>												
<i>Surrogate: 4-Bromofluorobenzene</i>		45.9		ug/L	50.0	92%	78 - 126			6012296	NPA1130-10	01/18/06 14:15
<b>6012899-MSD1</b>												
Tert-Amyl Methyl Ether	ND	46.3		ug/L	50.0	93%	45 - 155	2	24	6012899	NPA1130-21	01/19/06 02:42
1,2-Dibromoethane (EDB)	ND	51.8		ug/L	50.0	104%	71 - 138	3	27	6012899	NPA1130-21	01/19/06 02:42
Benzene	ND	50.8		ug/L	50.0	102%	71 - 137	1	23	6012899	NPA1130-21	01/19/06 02:42
1,2-Dichloroethane	ND	47.4		ug/L	50.0	95%	70 - 140	1	21	6012899	NPA1130-21	01/19/06 02:42
Ethylbenzene	ND	56.0		ug/L	50.0	112%	72 - 139	1	23	6012899	NPA1130-21	01/19/06 02:42
Ethanol	ND	6510		ug/L	5000	130%	49 - 158	11	38	6012899	NPA1130-21	01/19/06 02:42
Toluene	ND	56.9		ug/L	50.0	114%	73 - 133	1	25	6012899	NPA1130-21	01/19/06 02:42
Ethyl tert-Butyl Ether	ND	46.7		ug/L	50.0	93%	57 - 148	2	22	6012899	NPA1130-21	01/19/06 02:42
Diisopropyl Ether	ND	49.2		ug/L	50.0	98%	67 - 143	4	22	6012899	NPA1130-21	01/19/06 02:42
Methyl tert-Butyl Ether	1.14	48.4		ug/L	50.0	95%	55 - 152	2	27	6012899	NPA1130-21	01/19/06 02:42
Xylenes, total	ND	174		ug/L	150	116%	70 - 143	0.6	27	6012899	NPA1130-21	01/19/06 02:42
Tertiary Butyl Alcohol	ND	534		ug/L	500	107%	19 - 183	0.9	39	6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: 1,2-Dichloroethane-d4</i>		42.5		ug/L	50.0	85%	70 - 130			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: 1,2-Dichloroethane-d4</i>		42.5		ug/L	50.0	85%	70 - 130			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: Dibromofluoromethane</i>		45.4		ug/L	50.0	91%	79 - 122			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: Dibromofluoromethane</i>		45.4		ug/L	50.0	91%	79 - 122			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: Toluene-d8</i>		45.6		ug/L	50.0	91%	78 - 121			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: Toluene-d8</i>		45.6		ug/L	50.0	91%	78 - 121			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: 4-Bromofluorobenzene</i>		44.3		ug/L	50.0	89%	78 - 126			6012899	NPA1130-21	01/19/06 02:42
<i>Surrogate: 4-Bromofluorobenzene</i>		44.3		ug/L	50.0	89%	78 - 126			6012899	NPA1130-21	01/19/06 02:42
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6012461-MSD1</b>												
GRO as Gasoline	ND	1150		ug/L	1000	115%	43 - 146	2	27	6012461	NPA1130-05	01/17/06 01:03
<i>Surrogate: a,a,a-Trifluorotoluene</i>		26.6		ug/L	30.0	89%	63 - 134			6012461	NPA1130-05	01/17/06 01:03
<b>6012534-MSD1</b>												
GRO as Gasoline	ND	1160		ug/L	1000	116%	41 - 146	0	30	6012534	NPA1130-16	01/17/06 21:44
<i>Surrogate: a,a,a-Trifluorotoluene</i>		26.4		ug/L	30.0	88%	63 - 134			6012534	NPA1130-16	01/17/06 21:44

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1130  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1316600  
 Received: 01/12/06 08:00

### CERTIFICATION SUMMARY

**TestAmerica Analytical - Nashville**

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8015B	Water			
SW846 8015B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

## NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8015B	Water	Diesel
SW846 8260B	Water	Diisopropyl Ether

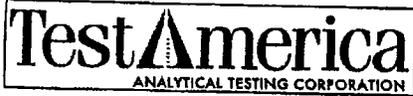
Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1130  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1316600  
Received: 01/12/06 08:00

### DATA QUALIFIERS AND DEFINITIONS

**MNR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

### METHOD MODIFICATION NOTES



**Nashville Division**



**COOLER RECEIPT FORM**

**BC#**

NPA1130

Client Name : ERI

Cooler Received/Opened On: 1/12/06 Accessioned By: Paul R. Buckingham II

*[Signature]*  
Log-in Personnel Signature

- 1. Temperature of Cooler when triaged: See below **Degrees Celsius**
- 2. Were custody seals on outside of cooler?..... **(YES) NO...NA**  
a. If yes, how many and where: 1 Front
- 3. Were custody seals on containers?..... NO...**(YES) NA**
- 4. Were the seals intact, signed, and dated correctly?..... **(YES) NO...NA**
- 5. Were custody papers inside cooler?..... **(YES) NO...NA**
- 6. Were custody papers properly filled out (ink, signed, etc)?..... **(YES) NO...NA**
- 7. Did you sign the custody papers in the appropriate place?..... **(YES) NO...NA**
- 8. What kind of packing material used? **(Bubblewrap)** Peanuts Vermiculite Foam Insert  
Ziplock baggies Paper Other None
- 9. Cooling process: **(Ice)** Ice-pack Ice (direct contact) Dry ice Other None
- 10. Did all containers arrive in good condition ( unbroken)?..... **(YES) NO...NA**
- 11. Were all container labels complete (#, date, signed, pres., etc)?..... **(YES) NO...NA**
- 12. Did all container labels and tags agree with custody papers?..... **(YES) NO...NA**
- 13. Were correct containers used for the analysis requested?..... **(YES) NO...NA**
- 14. a. Were VOA vials received?..... **(YES) NO...NA**  
b. Was there any observable head space present in any VOA vial?..... **(NO) YES...NA**
- 15. Was sufficient amount of sample sent in each container?..... **(YES) NO...NA**
- 16. Were correct preservatives used?..... **(YES) NO...NA**

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?..... NO...YES...**(NA)**

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

<u>5279 (-1.4)</u>	<u>5268 (1.0)</u>	<u>5305 (1.6)</u>	<u>5290 (1.6)</u>	<u>5280 (1.8)</u>		
<b>(Fed-Ex)</b>	UPS	Velocity	DHL	Route	Off-street	Misc.

19. If a Non-Conformance exists, see attached or comments below:

CHAIN OF CUSTODY RECORD



(615) 726-0177  
Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204



Consultant Name: Environmental Resolutions, Inc.

Address: 601 N McDowell Blvd

City/State/Zip: Petaluma, CA

Project Manager: James Chappell

Telephone Number: (707) 766-2090

ERI Job Number: 2101 1316600

Sampler Name: (Print) Chris Caccarelli

Sampler Signature:

Shipping Method:  Lab Courier  Hand Deliver  Commercial Express  Other: \_\_\_\_\_

ExxonMobil PM Jennifer Sedlachek

Telephone Number (510) 547-8196

Account #: 10228

PO #: 4205885615

Facility ID # 7-0277

Global ID# T0609700537

Site Address 1101 Yulupa Avenue

City, State Zip Santa Rosa, California,

TAT  
 24 hour  72 hour  
 48 hour  96 hour  
 8 day

PROVIDE:  
EDF Report

Special Instructions:  
**NPA1130**  
01/23/06 17:00

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix			Analyze For:									
							Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8260B	MTBE 8260B	Ethanol 8260B	Oxygenates 8260B				
1130-01 MW5	1-10-06	1720			HCL	6/2	X			X	X	X	X	X	X				
02 MW6		1625			HCL	6/2	X			X	X	X	X	X	X				
03 MW7		1640			HCL	6/2	X			X	X	X	X	X	X				
04 MW8		1745			HCL	6/2	X			X	X	X	X	X	X				
05 MW9		1600			HCL	6/2	X			X	X	X	X	X	X				
06 MW10	1-9-06	1720			HCL	6/2	X			X	X	X	X	X	X				
07 MW11	1-10-06	1615			HCL	6/2	X			X	X	X	X	X	X				
08 MW12	1-9-06	1650			HCL	6/2	X			X	X	X	X	X	X				
09 MW13	1-9-06	1600			HCL	6/2	X			X	X	X	X	X	X				
10 MW15	1-10-06	1630			HCL	6/2	X			X	X	X	X	X	X				
11 MW16		1645			HCL	6/2	X			X	X	X	X	X	X				
12 MW17		1705			HCL	6/2	X			X	X	X	X	X	X				

Relinquished by: Date 1-10-06 Time 1830 Received by: Sample Fridge Time 1830  
Relinquished by: Date 1-11-06 Time 730 Received by TestAmerica: Time 8:00

Laboratory Comments:  
Temperature Upon Receipt:  
Sample Containers Intact?  
VOAs Free of Headpace?

CHAIN OF CUSTODY RECORD



(615) 726-0177  
Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204



Consultant Name: Environmental Resolutions, Inc.  
Address: 601 N McDowell Blvd  
City/State/Zip: Petaluma, CA  
Project Manager: James Chappell  
Telephone Number: (707) 766-2090  
ERI Job Number: 2101 1316600  
Sampler Name: (Print) \_\_\_\_\_  
Sampler Signature: \_\_\_\_\_

ExxonMobil PM Jennifer Sedlachek

Telephone Number (510) 547-8196  
Account #: 10228  
PO #: 4205885615  
Facility ID # 7-0277  
Global ID# T0609700537  
Site Address 1101 Yulupa Avenue  
City, State Zip Santa Rosa, California,

Shipping Method:  Lab Cour  Hand Deliver  Commercial Express  Other: \_\_\_\_\_

TAT  
 24 hour  72 hour  
 48 hour  96 hour  
 8 day

PROVIDE:  
EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix			Analyze For:															
							Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8260B	MTBE 8260B	Ethanol 8260B	Oxygenates 8260B	VOCs 8260B	Oxygenates 524.2	BTEX 524.2	MTBE 524.2	HOLD					
1130-13 MW18	1-10-06	1720			HCL	6/2	X			X	X	X	X	X	X										
14 MW19		1650			HCL	6/2	X			X	X	X	X	X	X										
15 MW5C		1730			HCL	6/2	X			X	X	X	X	X	X										
16 MW20A		1515			HCL	6/2	X			X	X	X	X	X	X										
17 MW20C		1530			HCL	6/2	X			X	X	X	X	X	X										
18 MW21A		1600			HCL	6/2	X			X	X	X	X	X	X										
19 MW21B		1555			HCL	6/2	X			X	X	X	X	X	X										
20 MW21C		1545			HCL	6/2	X			X	X	X	X	X	X										
21 MW22		1615			HCL	6/2	X			X	X	X	X	X	X										
22 QCBB	1-10-06	1400			HCL	6/2	X			X	X														X

Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by: \_\_\_\_\_ Time \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by TestAmerica: Hj Time 1/10/06 8:00

Laboratory Comments:  
Temperature Upon Receipt:  
Sample Containers Intact?  
VOAs Free of Headspace?

January 18, 2006

Client: ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn: James Chappell

Work Order: NPA1031  
Project Name: Exxon 7-0277 PO:4505885615  
Project Nbr: 2101 1300000  
Date Received: 01/12/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
W-3725-EFF	NPA1031-01	01/10/06 17:40
W-3725-INT	NPA1031-02	01/10/06 17:50
W-3725-INF	NPA1031-03	01/10/06 18:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jessica Vickers

Senior Project Manager

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1031  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1031-01 (W-3725-EFF - Drinking Water) Sampled: 01/10/06 17:40</b>								
Purgeable Organic Compounds by EPA Method 524.2								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Benzene	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Toluene	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/16/06 21:46	EPA 524.2	6012503
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Xylenes, total	ND		ug/L	1.00	1	01/16/06 21:46	EPA 524.2	6012503
1,2-Dichloroethane	ND		ug/L	0.500	1	01/16/06 21:46	EPA 524.2	6012503
Ethanol	ND		ug/L	50.0	1	01/16/06 21:46	EPA 524.2	6012503
Surr: 1,2-Dichloroethane-d4 (72-130%)	99 %					01/16/06 21:46	EPA 524.2	6012503
Surr: Dibromofluoromethane (82-120%)	103 %					01/16/06 21:46	EPA 524.2	6012503
Surr: Toluene-d8 (81-117%)	94 %					01/16/06 21:46	EPA 524.2	6012503
Surr: 4-Bromofluorobenzene (81-122%)	102 %					01/16/06 21:46	EPA 524.2	6012503

## Sample ID: NPA1031-02 (W-3725-INT - Drinking Water) Sampled: 01/10/06 17:50

Purgeable Organic Compounds by EPA Method 524.2								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Benzene	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Toluene	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Methyl tert-Butyl Ether	2.02		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/16/06 22:13	EPA 524.2	6012503
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Xylenes, total	ND		ug/L	1.00	1	01/16/06 22:13	EPA 524.2	6012503
1,2-Dichloroethane	ND		ug/L	0.500	1	01/16/06 22:13	EPA 524.2	6012503
Ethanol	ND		ug/L	50.0	1	01/16/06 22:13	EPA 524.2	6012503
Surr: 1,2-Dichloroethane-d4 (72-130%)	99 %					01/16/06 22:13	EPA 524.2	6012503
Surr: Dibromofluoromethane (82-120%)	103 %					01/16/06 22:13	EPA 524.2	6012503
Surr: Toluene-d8 (81-117%)	92 %					01/16/06 22:13	EPA 524.2	6012503
Surr: 4-Bromofluorobenzene (81-122%)	103 %					01/16/06 22:13	EPA 524.2	6012503

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1031  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPA1031-03 (W-3725-INF - Drinking Water) Sampled: 01/10/06 18:00</b>								
Purgeable Organic Compounds by EPA Method 524.2								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Benzene	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Toluene	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Methyl tert-Butyl Ether	2.07		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/16/06 22:41	EPA 524.2	6012503
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Xylenes, total	ND		ug/L	1.00	1	01/16/06 22:41	EPA 524.2	6012503
1,2-Dichloroethane	ND		ug/L	0.500	1	01/16/06 22:41	EPA 524.2	6012503
Ethanol	ND		ug/L	50.0	1	01/16/06 22:41	EPA 524.2	6012503
Surr: 1,2-Dichloroethane-d4 (72-130%)	101 %					01/16/06 22:41	EPA 524.2	6012503
Surr: Dibromofluoromethane (82-120%)	104 %					01/16/06 22:41	EPA 524.2	6012503
Surr: Toluene-d8 (81-117%)	93 %					01/16/06 22:41	EPA 524.2	6012503
Surr: 4-Bromofluorobenzene (81-122%)	103 %					01/16/06 22:41	EPA 524.2	6012503

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1031  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Organic Compounds by EPA Method 524.2</b>						
<b>6012503-BLK1</b>						
Tert-Amyl Methyl Ether	<0.0600		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Benzene	<0.0900		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Ethyl tert-Butyl Ether	<0.0500		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Ethylbenzene	<0.0700		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Diisopropyl Ether	<0.0600		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Toluene	<0.0800		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Methyl tert-Butyl Ether	<0.0500		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Tertiary Butyl Alcohol	<0.990		ug/L	6012503	6012503-BLK1	01/16/06 16:24
1,2-Dibromoethane (EDB)	<0.0500		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Xylenes, total	<0.220		ug/L	6012503	6012503-BLK1	01/16/06 16:24
1,2-Dichloroethane	<0.0600		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Ethanol	<11.9		ug/L	6012503	6012503-BLK1	01/16/06 16:24
Surrogate: 1,2-Dichloroethane-d4	92%			6012503	6012503-BLK1	01/16/06 16:24
Surrogate: Dibromofluoromethane	100%			6012503	6012503-BLK1	01/16/06 16:24
Surrogate: Toluene-d8	94%			6012503	6012503-BLK1	01/16/06 16:24
Surrogate: 4-Bromofluorobenzene	100%			6012503	6012503-BLK1	01/16/06 16:24

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
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Work Order: NPA1031  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Purgeable Organic Compounds by EPA Method 524.2</b>								
<b>6012503-BS1</b>								
Tert-Amyl Methyl Ether	50.0	52.2		ug/L	104%	60 - 140	6012503	01/17/06 01:54
Benzene	50.0	49.8		ug/L	100%	70 - 130	6012503	01/17/06 01:54
Ethyl tert-Butyl Ether	50.0	55.6		ug/L	111%	60 - 140	6012503	01/17/06 01:54
Ethylbenzene	50.0	49.8		ug/L	100%	70 - 130	6012503	01/17/06 01:54
Diisopropyl Ether	50.0	50.2		ug/L	100%	70 - 130	6012503	01/17/06 01:54
Toluene	50.0	49.9		ug/L	100%	70 - 130	6012503	01/17/06 01:54
Methyl tert-Butyl Ether	50.0	46.9		ug/L	94%	70 - 130	6012503	01/17/06 01:54
Tertiary Butyl Alcohol	500	560		ug/L	112%	70 - 130	6012503	01/17/06 01:54
1,2-Dibromoethane (EDB)	50.0	56.8		ug/L	114%	70 - 130	6012503	01/17/06 01:54
Xylenes, total	150	145		ug/L	97%	70 - 130	6012503	01/17/06 01:54
1,2-Dichloroethane	50.0	45.3		ug/L	91%	70 - 130	6012503	01/17/06 01:54
Ethanol	5000	5970		ug/L	119%	70 - 130	6012503	01/17/06 01:54
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	20.7			83%	72 - 130	6012503	01/17/06 01:54
<i>Surrogate: Dibromofluoromethane</i>	25.0	23.6			94%	82 - 120	6012503	01/17/06 01:54
<i>Surrogate: Toluene-d8</i>	25.0	23.3			93%	81 - 117	6012503	01/17/06 01:54
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	22.8			91%	81 - 122	6012503	01/17/06 01:54

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
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 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

## PROJECT QUALITY CONTROL DATA

### Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Purgeable Organic Compounds by EPA Method 524.2</b>										
<b>6012503-MS1</b>										
Tert-Amyl Methyl Ether	ND	56.1		ug/L	50.0	112%	60 - 140	6012503	NPA0950-01	01/17/06 00:59
Benzene	ND	61.1		ug/L	50.0	122%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Ethyl tert-Butyl Ether	ND	59.7		ug/L	50.0	119%	60 - 140	6012503	NPA0950-01	01/17/06 00:59
Ethylbenzene	ND	61.3		ug/L	50.0	123%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Diisopropyl Ether	ND	59.5		ug/L	50.0	119%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Toluene	ND	59.2		ug/L	50.0	118%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Methyl tert-Butyl Ether	2.07	49.2		ug/L	50.0	94%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Tertiary Butyl Alcohol	ND	316	M8	ug/L	500	63%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
1,2-Dibromoethane (EDB)	ND	63.2		ug/L	50.0	126%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Xylenes, total	ND	177		ug/L	150	118%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
1,2-Dichloroethane	ND	57.3		ug/L	50.0	115%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
Ethanol	ND	6320		ug/L	5000	126%	70 - 130	6012503	NPA0950-01	01/17/06 00:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>		22.9		ug/L	25.0	92%	72 - 130	6012503	NPA0950-01	01/17/06 00:59
<i>Surrogate: Dibromofluoromethane</i>		24.8		ug/L	25.0	99%	82 - 120	6012503	NPA0950-01	01/17/06 00:59
<i>Surrogate: Toluene-d8</i>		23.2		ug/L	25.0	93%	81 - 117	6012503	NPA0950-01	01/17/06 00:59
<i>Surrogate: 4-Bromofluorobenzene</i>		22.7		ug/L	25.0	91%	81 - 122	6012503	NPA0950-01	01/17/06 00:59

Client ERI Petaluma (10228)  
 601 North McDowell Blvd.  
 Petaluma, CA 94954  
 Attn James Chappell

Work Order: NPA1031  
 Project Name: Exxon 7-0277 PO:4505885615  
 Project Number: 2101 1300000  
 Received: 01/12/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Purgeable Organic Compounds by EPA Method 524.2</b>												
<b>6012503-MSD1</b>												
Tert-Amyl Methyl Ether	ND	52.2		ug/L	50.0	104%	60 - 140	7	20	6012503	NPA0950-01	01/17/06 01:27
Benzene	ND	56.0		ug/L	50.0	112%	70 - 130	9	20	6012503	NPA0950-01	01/17/06 01:27
Ethyl tert-Butyl Ether	ND	55.8		ug/L	50.0	112%	60 - 140	7	20	6012503	NPA0950-01	01/17/06 01:27
Ethylbenzene	ND	56.2		ug/L	50.0	112%	70 - 130	9	20	6012503	NPA0950-01	01/17/06 01:27
Diisopropyl Ether	ND	53.4		ug/L	50.0	107%	70 - 130	11	20	6012503	NPA0950-01	01/17/06 01:27
Toluene	ND	55.6		ug/L	50.0	111%	70 - 130	6	20	6012503	NPA0950-01	01/17/06 01:27
Methyl tert-Butyl Ether	2.07	45.7		ug/L	50.0	87%	70 - 130	7	20	6012503	NPA0950-01	01/17/06 01:27
Tertiary Butyl Alcohol	ND	312	M8	ug/L	500	62%	70 - 130	1	20	6012503	NPA0950-01	01/17/06 01:27
1,2-Dibromoethane (EDB)	ND	59.5		ug/L	50.0	119%	70 - 130	6	20	6012503	NPA0950-01	01/17/06 01:27
Xylenes, total	ND	161		ug/L	150	107%	70 - 130	9	20	6012503	NPA0950-01	01/17/06 01:27
1,2-Dichloroethane	ND	49.5		ug/L	50.0	99%	70 - 130	15	20	6012503	NPA0950-01	01/17/06 01:27
Ethanol	ND	5860		ug/L	5000	117%	70 - 130	8	20	6012503	NPA0950-01	01/17/06 01:27
Surrogate: 1,2-Dichloroethane-d4		20.9		ug/L	25.0	84%	72 - 130			6012503	NPA0950-01	01/17/06 01:27
Surrogate: Dibromofluoromethane		24.0		ug/L	25.0	96%	82 - 120			6012503	NPA0950-01	01/17/06 01:27
Surrogate: Toluene-d8		23.0		ug/L	25.0	92%	81 - 117			6012503	NPA0950-01	01/17/06 01:27
Surrogate: 4-Bromofluorobenzene		23.4		ug/L	25.0	94%	81 - 122			6012503	NPA0950-01	01/17/06 01:27

# TestAmerica

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1031  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1300000  
Received: 01/12/06 08:00

## CERTIFICATION SUMMARY

### TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
EPA 524.2	Water	N/A	X	N/A
NA	Water			

---

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1031  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1300000  
Received: 01/12/06 08:00

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## NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method  
EPA 524.2

Matrix  
Water

Analyte  
Diisopropyl Ether

Client ERI Petaluma (10228)  
601 North McDowell Blvd.  
Petaluma, CA 94954  
Attn James Chappell

Work Order: NPA1031  
Project Name: Exxon 7-0277 PO:4505885615  
Project Number: 2101 1300000  
Received: 01/12/06 08:00

## DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

## METHOD MODIFICATION NOTES



Nashville Division



NPA1031

COOLER RECEIPT FORM

BC#

Client Name : ERI

Cooler Received/Opened On: 1/12/06 Accessioned By: James D. Jacobs

Log-in Personnel Signature

- 1. Temperature of Cooler when triaged: 0 Degrees Celsius
2. Were custody seals on outside of cooler? YES...NO...NA
a. If yes, how many and where: 1 Front
3. Were custody seals on containers? NO...YES...NA
4. Were the seals intact, signed, and dated correctly? YES...NO...NA
5. Were custody papers inside cooler? YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA
7. Did you sign the custody papers in the appropriate place? YES...NO...NA
8. What kind of packing material used? Bubblewrap, Peanuts, Vermiculite, Foam Insert, Ziplock baggies, Paper, Other, None
9. Cooling process: Ice, Ice-pack, Ice (direct contact), Dry ice, Other, None
10. Did all containers arrive in good condition (unbroken)? YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA
12. Did all container labels and tags agree with custody papers? YES...NO...NA
13. Were correct containers used for the analysis requested? YES...NO...NA
14. a. Were VOA vials received? YES...NO...NA
b. Was there any observable head space present in any VOA vial? NO...YES...NA
15. Was sufficient amount of sample sent in each container? YES...NO...NA
16. Were correct preservatives used? YES...NO...NA

If not, record standard ID of preservative used here

17. Was residual chlorine present? NO...YES...NA

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

5316

Fed-Ex, UPS, Velocity, DHL, Route, Off-street, Misc.

19. If a Non-Conformance exists, see attached or comments below:

A 4-day turn is the fastest we can achieve per Leah K.



(615) 726-0177  
 Nashville Divisio  
 2960 Foster Creit  
 Nashville, TN 37204

**NPA1031**



Consultant Name: Environmental Resolutions, Inc.  
 Address: 601 N McDowell Blvd  
 City/State/Zip: Petaluma, CA  
 Project Manager: James Chappell  
 Telephone Number: (707) 766-2090  
 ERI Job Number: 2101 1300000

Sampler Name: (Print) David Daniels  
 Sampler Signature: [Signature]

ExxonMobil PM Jennifer Sedlachek  
 Telephone Number (510) 547-8196  
 Account #: 10228  
 PO #: 4505885615  
 Facility ID #: 7-0277  
 Global ID#: T0609700537  
 Site Address 1101 Yulupa Avenue  
 City, State Zip Santa Rosa, California,

Shipping Method:  Lab Courier  Hand Deliver  Commercial Express  Other: \_\_\_\_\_

TAT  
 24 hour  72 hour  
 48 hour  96 hour  
 8 day

PROVIDE:  
 EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix			Analyze For:									
							Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8021B	MTBE 8021B	confirm mbe 8260B	Oxygenates 8260B	Ethanol 524.2	Oxygenates 524.2	BTEX 524.2	MTBE 524.2
W-3725-EFF	1-10-06	1740		X	HCL	6	X			NPA1031				-01		X	X	X	X
W-3725-INT	↓	1750		X	HCL	6	X							-02		X	X	X	X
W-3725-INF	1-10-06	1800		X	HCL	6	X							-03		X	X	X	X

Relinquished by: [Signature] Date 1-10-06 Time 1830 Received by: Sample Fridge Time \_\_\_\_\_  
 Relinquished by: [Signature] Date 1-11-06 Time 730 Received by TestAmerica: [Signature] Time 800

Laboratory Comments:  
 Temperature Upon Receipt: 0°C  
 Sample Containers Intact? Yes  
 VOAs Free of Headspace? Yes



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30 March, 2006

James Chappell  
Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma, CA 94954

RE: Exxon 7-0277  
Work Order: MPA1170

Enclosed are the results of analyses for samples received by the laboratory on 01/20/06 14:19. The samples arrived at a temperature of 5° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Dell For Leticia Reyes  
Project Manager

CA ELAP Certificate #1210



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 <b>Reported:</b> 03/30/06 13:38
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MPA1170-01	Water	01/19/06 15:15	01/20/06 14:19
W-INT 1	MPA1170-02	Water	01/19/06 15:00	01/20/06 14:19
W-INT 2	MPA1170-03	Water	01/19/06 14:45	01/20/06 14:19
W-EFF	MPA1170-04	Water	01/19/06 14:30	01/20/06 14:19



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 Reported: 03/30/06 13:38
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W-INF (MPA1170-01) Water Sampled: 01/19/06 15:15 Received: 01/20/06 14:19

**Purgeable Hydrocarbons by EPA 8015B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6A25013	01/25/06	01/25/06	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		94 %	80-120		"	"	"	"	

**Purgeables by EPA Method 624**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Di-isopropyl ether	ND	0.50	ug/l	1	6B01002	02/01/06	02/01/06	EPA 624	
Ethanol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	2.9	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*



Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 Reported: 03/30/06 13:38
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**W-INF (MPA1170-01) Water    Sampled: 01/19/06 15:15    Received: 01/20/06 14:19**

Tetrachloroethene	ND	0.50	ug/l	1	6B01002	02/01/06	02/01/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>105 %</i>		<i>50-150</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>102 %</i>		<i>70-140</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89 %</i>		<i>70-120</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>



Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 <b>Reported:</b> 03/30/06 13:38
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W-INT 1 (MPA1170-02) Water Sampled: 01/19/06 15:00 Received: 01/20/06 14:19

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6A27012	01/27/06	01/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94 %		80-120	"	"	"	"	



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 Reported: 03/30/06 13:38
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W-INT 2 (MPA1170-03) Water Sampled: 01/19/06 14:45 Received: 01/20/06 14:19

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6A27012	01/27/06	01/27/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94 %	80-120		"	"	"	"	



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W-EFF (MPA1170-04) Water Sampled: 01/19/06 14:30 Received: 01/20/06 14:19

**Purgeable Hydrocarbons by EPA 8015B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6A25013	01/25/06	01/25/06	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		90 %	80-120		"	"	"	"	

**Purgeables by EPA Method 624**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Ethanol	ND	100	ug/l	1	6B01002	02/01/06	02/01/06	EPA 624	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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**W-EFF (MPA1170-04) Water**    **Sampled: 01/19/06 14:30**    **Received: 01/20/06 14:19**

Tetrachloroethene	ND	0.50	ug/l	1	6B01002	02/01/06	02/01/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>101 %</i>	<i>50-150</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>102 %</i>	<i>70-140</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>85 %</i>	<i>70-120</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>



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**Purgeable Hydrocarbons by EPA 8015B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6A25013 - EPA 5030B [P/T]</b>									
<b>Blank (6A25013-BLK1)</b>					Prepared & Analyzed: 01/25/06				
Gasoline Range Organics (C4-C12)	ND	25	ug/l						
Surrogate: 4-Bromofluorobenzene	36.3		"	40.0		91	80-120		
<b>LCS (6A25013-BS1)</b>					Prepared & Analyzed: 01/25/06				
Gasoline Range Organics (C4-C12)	213	50	ug/l	275		77	55-130		
Surrogate: 4-Bromofluorobenzene	39.6		"	40.0		99	80-120		
<b>Matrix Spike (6A25013-MS1)</b>					Source: MPA1075-09 Prepared & Analyzed: 01/25/06				
Gasoline Range Organics (C4-C12)	214	50	ug/l	275	ND	78	55-130		
Surrogate: 4-Bromofluorobenzene	39.3		"	40.0		98	80-120		
<b>Matrix Spike Dup (6A25013-MSD1)</b>					Source: MPA1075-09 Prepared & Analyzed: 01/25/06				
Gasoline Range Organics (C4-C12)	226	50	ug/l	275	ND	82	55-130	5	35
Surrogate: 4-Bromofluorobenzene	39.6		"	40.0		99	80-120		



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 Reported: 03/30/06 13:38
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**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6A27012 - EPA 5030B [P/T]**

<b>Blank (6A27012-BLK1)</b>			Prepared & Analyzed: 01/27/06							
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							

<i>Surrogate: a,a,a-Trifluorotoluene</i>	41.7		"	40.0		104	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	36.3		"	40.0		91	80-120			

<b>LCS (6A27012-BS1)</b>			Prepared & Analyzed: 01/27/06							
Gasoline Range Organics (C4-C12)	218	50	ug/l	275		79	55-130			
Benzene	3.18	0.50	"	4.10		78	75-150			
Toluene	20.1	0.50	"	20.7		97	80-115			
Ethylbenzene	4.11	0.50	"	4.85		85	75-115			
Xylenes (total)	23.3	0.50	"	23.8		98	75-115			

<i>Surrogate: a,a,a-Trifluorotoluene</i>	40.8		"	40.0		102	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	39.2		"	40.0		98	80-120			

<b>Matrix Spike (6A27012-MS1)</b>			Source: MPA1256-03		Prepared & Analyzed: 01/27/06					
Gasoline Range Organics (C4-C12)	183	50	ug/l	275	ND	67	55-130			
Benzene	2.90	0.50	"	4.10	ND	71	75-150			QM02
Toluene	18.7	0.50	"	20.7	ND	90	80-115			
Ethylbenzene	3.75	0.50	"	4.85	ND	77	75-115			
Xylenes (total)	21.7	0.50	"	23.8	ND	91	75-115			

<i>Surrogate: a,a,a-Trifluorotoluene</i>	41.1		"	40.0		103	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	39.3		"	40.0		98	80-120			

<b>Matrix Spike Dup (6A27012-MSD1)</b>			Source: MPA1256-03		Prepared & Analyzed: 01/27/06					
Gasoline Range Organics (C4-C12)	173	50	ug/l	275	ND	63	55-130	6	35	
Benzene	2.68	0.50	"	4.10	ND	65	75-150	8	25	QM02
Toluene	17.4	0.50	"	20.7	ND	84	80-115	7	25	
Ethylbenzene	3.47	0.50	"	4.85	ND	72	75-115	8	25	QM02

Sequoia Analytical - Morgan Hill

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**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6A27012 - EPA 5030B [P/T]**

Matrix Spike Dup (6A27012-MSD1)	Source: MPA1256-03		Prepared & Analyzed: 01/27/06							
Xylenes (total)	20.2	0.50	ug/l	23.8	ND	85	75-115	7	25	
Surrogate: a,a,a-Trifluorotoluene	40.7		"	40.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	40.0		"	40.0		100	80-120			



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**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B01002 - EPA 5030B P/T**

Prepared & Analyzed: 02/01/06

**Blank (6B01002-BLK1)**

Xylenes (total)	ND	0.50	ug/l							
Di-isopropyl ether	ND	0.50	"							
Ethanol	ND	100	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Ethyl tert-butyl ether	ND	0.50	"							
Benzene	ND	0.25	"							
Bromodichloromethane	ND	0.25	"							
Bromoform	ND	0.26	"							
Bromomethane	ND	0.5	"							
Carbon tetrachloride	ND	0.25	"							
Chlorobenzene	ND	0.25	"							
Chloroethane	ND	0.61	"							
Chloroform	ND	0.25	"							
Chloromethane	ND	0.28	"							
Dibromochloromethane	ND	0.25	"							
1,2-Dichlorobenzene	ND	0.25	"							
1,3-Dichlorobenzene	ND	0.29	"							
1,4-Dichlorobenzene	ND	0.25	"							
1,1-Dichloroethane	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
1,1-Dichloroethene	ND	0.25	"							
trans-1,2-Dichloroethene	ND	0.28	"							
1,2-Dichloropropane	ND	0.25	"							
cis-1,3-Dichloropropene	ND	0.25	"							
trans-1,3-Dichloropropene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Methylene chloride	ND	0.25	"							

Sequoia Analytical - Morgan Hill

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**Sequoia  
Analytical**

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FAX (408) 782-6308  
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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPA1170  
Reported:  
03/30/06 13:38

**Purgeables by EPA Method 624 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B01002 - EPA 5030B P/T**

**Blank (6B01002-BLK1)**

Prepared & Analyzed: 02/01/06

1,1,2,2-Tetrachloroethane	ND	0.25	"							
Tetrachloroethene	ND	0.25	"							
Toluene	ND	0.25	"							
1,1,1-Trichloroethane	ND	0.25	"							
1,1,2-Trichloroethane	ND	0.25	"							
Trichloroethene	ND	0.25	"							
Trichlorofluoromethane	ND	0.25	"							
Vinyl chloride	ND	0.25	"							

*Surrogate: 1,2-Dichloroethane-d4*

5.09 " 5.00 102 50-150

*Surrogate: 1,4-Difluorobenzene*

4.21 " 4.00 105 70-140

*Surrogate: 4-Bromofluorobenzene*

4.39 " 5.00 88 70-120

**LCS (6B01002-BS1)**

Prepared & Analyzed: 02/01/06

Benzene	18.9	0.50	ug/l	20.0		94	80-140			
Bromodichloromethane	19.7	0.50	"	20.0		98	65-150			
Bromoform	20.9	0.50	"	20.0		104	60-150			
Bromomethane	21.6	1.0	"	20.0		108	15-150			
Carbon tetrachloride	19.6	0.50	"	20.0		98	65-150			
Chlorobenzene	20.1	0.50	"	20.0		100	85-135			
Chloroethane	17.4	1.0	"	20.0		87	45-150			
Chloroform	18.9	0.50	"	20.0		94	75-135			
Chloromethane	15.3	0.50	"	20.0		76	30-150			
Dibromochloromethane	16.7	0.50	"	20.0		84	45-150			
1,2-Dichlorobenzene	20.1	0.50	"	20.0		100	80-130			
1,3-Dichlorobenzene	19.8	0.50	"	20.0		99	85-140			
1,4-Dichlorobenzene	20.4	0.50	"	20.0		102	85-130			
1,1-Dichloroethane	15.7	0.50	"	20.0		78	35-150			
1,2-Dichloroethane	18.6	0.50	"	20.0		93	35-150			
1,1-Dichloroethene	19.6	0.50	"	20.0		98	85-135			
trans-1,2-Dichloroethene	19.4	0.50	"	20.0		97	75-150			

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPA1170  
Reported:  
03/30/06 13:38

**Purgeables by EPA Method 624 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B01002 - EPA 5030B P/T**

<b>LCS (6B01002-BS1)</b>		Prepared & Analyzed: 02/01/06								
1,2-Dichloropropane	18.0	0.50	ug/l	20.0		90	55-150			
cis-1,3-Dichloropropene	17.4	0.50	"	20.0		87	50-150			
trans-1,3-Dichloropropene	17.0	0.50	"	20.0		85	45-150			
Ethylbenzene	20.7	0.50	"	20.0		104	80-135			
Methylene chloride	20.3	0.50	"	20.0		102	40-150			
1,1,2,2-Tetrachloroethane	22.6	0.50	"	20.0		113	55-150			
Tetrachloroethene	17.8	0.50	"	20.0		89	75-150			
Toluene	16.9	0.50	"	20.0		84	80-140			
1,1,1-Trichloroethane	19.1	0.50	"	20.0		96	70-150			
1,1,2-Trichloroethane	19.4	0.50	"	20.0		97	55-150			
Trichloroethene	17.0	0.50	"	20.0		85	30-150			
Trichlorofluoromethane	19.0	0.50	"	20.0		95	15-150			
Vinyl chloride	16.7	0.50	"	20.0		84	50-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.18</i>		<i>"</i>	<i>5.00</i>		<i>104</i>	<i>50-150</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>4.18</i>		<i>"</i>	<i>4.00</i>		<i>104</i>	<i>70-140</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.60</i>		<i>"</i>	<i>5.00</i>		<i>92</i>	<i>70-120</i>			

<b>Matrix Spike (6B01002-MS1)</b>		Source: MPA1199-01		Prepared & Analyzed: 02/01/06						
Benzene	1180	10	ug/l	200	1000	90	80-140			
Bromodichloromethane	222	10	"	200	ND	111	65-150			
Bromoform	209	10	"	200	ND	104	60-150			
Bromomethane	245	20	"	200	6.8	119	15-150			
Carbon tetrachloride	203	10	"	200	ND	102	65-150			
Chlorobenzene	211	10	"	200	ND	106	85-135			
Chloroethane	184	20	"	200	ND	92	45-150			
Chloroform	198	10	"	200	ND	99	75-135			
Chloromethane	171	10	"	200	ND	86	30-150			
Dibromochloromethane	170	10	"	200	ND	85	45-150			
1,2-Dichlorobenzene	202	10	"	200	ND	101	80-130			
1,3-Dichlorobenzene	201	10	"	200	ND	100	85-140			

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPA1170 Reported: 03/30/06 13:38
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**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B01002 - EPA 5030B P/T**

Matrix Spike (6B01002-MS1)	Source: MPA1199-01			Prepared & Analyzed: 02/01/06						
1,4-Dichlorobenzene	206	10	ug/l	200	ND	103	85-130			
1,1-Dichloroethane	153	10	"	200	ND	76	35-150			
1,2-Dichloroethane	233	10	"	200	ND	116	35-150			
1,1-Dichloroethene	204	10	"	200	ND	102	85-135			
trans-1,2-Dichloroethene	199	10	"	200	ND	100	75-150			
1,2-Dichloropropane	190	10	"	200	ND	95	55-150			
cis-1,3-Dichloropropene	166	10	"	200	ND	83	50-150			
trans-1,3-Dichloropropene	164	10	"	200	ND	82	45-150			
Ethylbenzene	471	10	"	200	250	110	80-145			
Methylene chloride	247	10	"	200	11	118	40-150			
1,1,2,2-Tetrachloroethane	226	10	"	200	ND	113	55-150			
Tetrachloroethene	189	10	"	200	ND	94	75-150			
Toluene	317	10	"	200	140	88	80-140			
1,1,1-Trichloroethane	200	10	"	200	ND	100	70-150			
1,1,2-Trichloroethane	207	10	"	200	ND	104	55-150			
Trichloroethene	178	10	"	200	ND	89	30-150			
Trichlorofluoromethane	195	10	"	200	ND	98	15-150			
Vinyl chloride	186	10	"	200	ND	93	50-150			

Surrogate: 1,2-Dichloroethane-d4	4.90		"	5.00		98	50-150			
Surrogate: 1,4-Difluorobenzene	4.09		"	4.00		102	70-140			
Surrogate: 4-Bromofluorobenzene	4.53		"	5.00		91	70-120			

Matrix Spike Dup (6B01002-MSD1)	Source: MPA1199-01			Prepared & Analyzed: 02/01/06						
Benzene	1140	10	ug/l	200	1000	70	80-140	3	10	QM02
Bromodichloromethane	199	10	"	200	ND	100	65-150	11	30	
Bromoform	203	10	"	200	ND	102	60-150	3	25	
Bromomethane	247	20	"	200	6.8	120	15-150	0.8	35	
Carbon tetrachloride	203	10	"	200	ND	102	65-150	0	20	
Chlorobenzene	205	10	"	200	ND	102	85-135	3	15	
Chloroethane	166	20	"	200	ND	83	45-150	10	45	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPA1170  
 Reported:  
 03/30/06 13:38

**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B01002 - EPA 5030B P/T**

**Matrix Spike Dup (6B01002-MSD1)**

Source: MPA1199-01

Prepared & Analyzed: 02/01/06

Chloroform	188	10	ug/l	200	ND	94	75-135	5	15	
Chloromethane	175	10	"	200	ND	88	30-150	2	35	
Dibromochloromethane	165	10	"	200	ND	82	45-150	3	35	
1,2-Dichlorobenzene	200	10	"	200	ND	100	80-130	1	25	
1,3-Dichlorobenzene	199	10	"	200	ND	100	85-140	1	25	
1,4-Dichlorobenzene	199	10	"	200	ND	100	85-130	3	25	
1,1-Dichloroethane	158	10	"	200	ND	79	35-150	3	35	
1,2-Dichloroethane	221	10	"	200	ND	110	35-150	5	35	
1,1-Dichloroethene	200	10	"	200	ND	100	85-135	2	15	
trans-1,2-Dichloroethene	193	10	"	200	ND	96	75-150	3	20	
1,2-Dichloropropane	188	10	"	200	ND	94	55-150	1	20	
cis-1,3-Dichloropropene	168	10	"	200	ND	84	50-150	1	35	
trans-1,3-Dichloropropene	158	10	"	200	ND	79	45-150	4	35	
Ethylbenzene	452	10	"	200	250	101	80-145	4	30	
Methylene chloride	226	10	"	200	11	108	40-150	9	30	
1,1,2,2-Tetrachloroethane	213	10	"	200	ND	106	55-150	6	35	
Tetrachloroethene	184	10	"	200	ND	92	75-150	3	30	
Toluene	312	10	"	200	140	86	80-140	2	10	
1,1,1-Trichloroethane	192	10	"	200	ND	96	70-150	4	15	
1,1,2-Trichloroethane	197	10	"	200	ND	98	55-150	5	30	
Trichloroethene	175	10	"	200	ND	88	30-150	2	10	
Trichlorofluoromethane	185	10	"	200	ND	92	15-150	5	25	
Vinyl chloride	170	10	"	200	ND	85	50-150	9	35	
Surrogate: 1,2-Dichloroethane-d4	5.24		"	5.00		105	50-150			
Surrogate: 1,4-Difluorobenzene	4.12		"	4.00		103	70-140			
Surrogate: 4-Bromofluorobenzene	4.76		"	5.00		95	70-120			

Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPA1170  
**Reported:**  
03/30/06 13:38

### Notes and Definitions

QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



(615) 726-0177  
 Nashville Division  
 2960 Foster Creighton  
 Nashville, TN 37204



Consultant Name: Environmental Resolutions, Inc.

Address: 601 North McDowell

City/State/Zip: Petaluma, CA 94954

Project Manager: James Chappell

Telephone Number: 1-707-766-2000

ERI Job Number: 2101-11X

Sampler Name: (Print) Chris Ceccorelli

Sampler Signature: [Signature]

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number 510-547-8196

Account #: 10228

PO #: 4505885615

MPA 1170

Facility ID # 7-0277

Global ID#

Site Address 1101 Yulupa Avenue

City, State Zip Santa Rosa, California

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day <input type="checkbox"/> 72 hour <input type="checkbox"/> 96 hour	PROVIDE: EDF Report	Special Instructions: * Full Run, Including BTEX, MTBE and Oxygenates						Matrix			Analyze For:									
		DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	VOC's EPA 624*	TPHg 8015	8021B BTEX&MTBE							
		1-19-06	1515		X	HCL	6 Voa's	X			X	X								
			1500		X	HCL	6 Voa's	X				X	X							
			1445		X	HCL	6 Voa's	X				X	X							
			1430		X	HCL	6 Voa's	X			X	X								

Relinquished by: [Signature] Date 1-20-06 Time 730  
Ann Morrissey 1-20-06 12:12

Received by: Alonuzo 1-20-06 Time 1050

Laboratory Comments:  
 Temperature Upon Receipt: 4.7°C

Relinquished by: Alonuzo Date 1-20-06 Time 1155  
[Signature] 1/20/06 1419

Received by TestAmerica: [Signature] 1/20/06 Time 1212  
E. Fallin 1/20/06 1419

Sample Containers Intact? yes  
 VOAs Free of Headspace? yes

## SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI  
 REC. BY (PRINT) E. Fallin  
 WORKORDER: 1471170

DATE REC'D AT LAB: 1/20/06  
 TIME REC'D AT LAB: 1419  
 DATE LOGGED IN: 1-22-06

For Regulatory Purposes?  
 DRINKING WATER YES/NO  NO  
 WASTE WATER YES/NO  NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <del>Absent</del> Intact / Broken*									
2. Chain-of-Custody <del>Present</del> / Absent*									
3. Traffic Reports or Packing List: Present / <del>Absent</del>									
4. Airbill: Airbill / Sticker Present / <del>Absent</del>									
5. Airbill #:									
6. Sample Labels: <del>Present</del> / Absent									
7. Sample IDs: <del>Listed</del> / Not Listed on Chain-of-Custody									
8. Sample Condition: <del>Intact</del> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <del>Yes</del> / No*									
10. Sample received within hold time? <del>Yes</del> / No*									
11. Adequate sample volume received? <del>Yes</del> / No*									
12. Proper preservatives used? <del>Yes</del> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <del>Yes</del> / NO									
14. Read Temp: <u>4.7 °C</u> Corrected Temp: <u>4.7 °C</u> Is corrected temp 4 +/-2°C? <del>Yes</del> / No**									

ERI 1/20/06 SEE COC

\*\*Exception (if any): METALS / DFF ONCE or Problem COC

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.



30 March, 2006

James Chappell  
Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma, CA 94954

RE: Exxon 7-0277  
Work Order: MPB0185

Enclosed are the results of analyses for samples received by the laboratory on 02/03/06 15:50. The samples arrived at a temperature of 6° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Dell For Leticia Reyes  
Project Manager

CA ELAP Certificate #1210



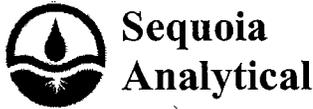
Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
**Reported:**  
03/30/06 13:41

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MPB0185-01	Water	02/03/06 13:30	02/03/06 15:50
W-INT 1	MPB0185-02	Water	02/02/06 13:00	02/03/06 15:50
W-INT 2	MPB0185-03	Water	02/02/06 12:30	02/03/06 15:50
W-EFF	MPB0185-04	Water	02/03/06 12:00	02/03/06 15:50



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPB0185 Reported: 03/30/06 13:41
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W-INF (MPB0185-01) Water Sampled: 02/03/06 13:30 Received: 02/03/06 15:50

**Purgeable Hydrocarbons by EPA 8015B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gasoline Range Organics (C4-C12)</b>	<b>110</b>	50	ug/l	1	6B15005	02/15/06	02/16/06	EPA 8015B-VOA	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	80-120		"	"	"	"	

**Purgeables by EPA Method 624**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Di-isopropyl ether	ND	0.50	ug/l	1	6B16024	02/16/06	02/17/06	EPA 624	
Ethanol	ND	100	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>5.6</b>	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<b>Benzene</b>	<b>2.9</b>	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPB0185 <b>Reported:</b> 03/30/06 13:41
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**W-INF (MPB0185-01) Water**    **Sampled: 02/03/06 13:30**    **Received: 02/03/06 15:50**

Compound	ND	0.50	ug/l	1	6B16024	02/16/06	02/17/06	EPA 624
Tetrachloroethene	ND	0.50	ug/l	1	6B16024	02/16/06	02/17/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	50-150	"	"	"	"	"
<i>Surrogate: 1,4-Difluorobenzene</i>		97 %	70-140	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		89 %	70-120	"	"	"	"	"



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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
Reported:  
03/30/06 13:41

W-INT 1 (MPB0185-02) Water Sampled: 02/02/06 13:00 Received: 02/03/06 15:50

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6B15038	02/15/06	02/16/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		102 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		80-120	"	"	"	"	



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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPB0185 <b>Reported:</b> 03/30/06 13:41
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W-INT 2 (MPB0185-03) Water Sampled: 02/02/06 12:30 Received: 02/03/06 15:50

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Gasoline Range Organics (C4-C12)	ND	50		ug/l	1	6B15038	02/15/06	02/16/06	EPA 8015B/8021B	
Benzene	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5		"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %		80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93 %		80-120		"	"	"	"	



Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPB0185 Reported: 03/30/06 13:41
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W-EFF (MPB0185-04) Water Sampled: 02/03/06 12:00 Received: 02/03/06 15:50

**Purgeable Hydrocarbons by EPA 8015B  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Gasoline Range Organics (C4-C12)	ND	50		ug/l	1	6B15005	02/15/06	02/16/06	EPA 8015B-VOA	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91 %</i>		<i>80-120</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Purgeables by EPA Method 624  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Ethanol	ND	100		ug/l	1	6B16024	02/16/06	02/17/06	EPA 624	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Benzene	ND	0.50		"	"	"	"	"	"	
Bromodichloromethane	ND	0.50		"	"	"	"	"	"	
Bromoform	ND	0.50		"	"	"	"	"	"	
Bromomethane	ND	1.0		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50		"	"	"	"	"	"	
Chlorobenzene	ND	0.50		"	"	"	"	"	"	
Chloroethane	ND	1.0		"	"	"	"	"	"	
Chloroform	ND	0.50		"	"	"	"	"	"	
Chloromethane	ND	0.50		"	"	"	"	"	"	
Dibromochloromethane	ND	0.50		"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50		"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50		"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50		"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50		"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50		"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methylene chloride	ND	0.50		"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50		"	"	"	"	"	"	

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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
Reported:  
03/30/06 13:41

**W-EFF (MPB0185-04) Water Sampled: 02/03/06 12:00 Received: 02/03/06 15:50**

Tetrachloroethene	ND	0.50	ug/l	1	6B16024	02/16/06	02/17/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		50-150	"	"	"	"
<i>Surrogate: 1,4-Difluorobenzene</i>		96 %		70-140	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		82 %		70-120	"	"	"	"



Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
Reported:  
03/30/06 13:41

**Purgeable Hydrocarbons by EPA 8015B - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6B15005 - EPA 5030B [P/T]</b>									
<b>Blank (6B15005-BLK1)</b> Prepared & Analyzed: 02/15/06									
Gasoline Range Organics (C4-C12)	ND	25	ug/l						
Surrogate: 4-Bromofluorobenzene	37.9		"	40.0		95 80-120			
<b>LCS (6B15005-BS1)</b> Prepared & Analyzed: 02/15/06									
Gasoline Range Organics (C4-C12)	240	50	ug/l	275		87 55-130			
Surrogate: 4-Bromofluorobenzene	39.7		"	40.0		99 80-120			
<b>Matrix Spike (6B15005-MS1)</b> Source: MPB0086-13 Prepared & Analyzed: 02/15/06									
Gasoline Range Organics (C4-C12)	220	50	ug/l	275	ND	80 55-130			
Surrogate: 4-Bromofluorobenzene	39.7		"	40.0		99 80-120			
<b>Matrix Spike Dup (6B15005-MSD1)</b> Source: MPB0086-13 Prepared & Analyzed: 02/15/06									
Gasoline Range Organics (C4-C12)	213	50	ug/l	275	ND	77 55-130	3	35	
Surrogate: 4-Bromofluorobenzene	38.9		"	40.0		97 80-120			



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Environmental Resolutions (Exxon)  
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Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
Reported:  
03/30/06 13:41

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B15038 - EPA 5030B [P/T]**

**Blank (6B15038-BLK1)**

Prepared & Analyzed: 02/15/06

Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	81.2		"	80.0		102	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	75.2		"	80.0		94	80-120			

**LCS (6B15038-BS1)**

Prepared: 02/15/06 Analyzed: 02/16/06

Gasoline Range Organics (C4-C12)	205	50	ug/l	275		75	55-130			
Benzene	4.06	0.50	"	4.10		99	75-150			
Toluene	20.4	0.50	"	20.7		99	80-115			
Ethylbenzene	3.97	0.50	"	4.85		82	75-115			
Xylenes (total)	23.0	0.50	"	23.8		97	75-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	82.7		"	80.0		103	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	76.7		"	80.0		96	80-120			

**LCS (6B15038-BS2)**

Prepared: 02/15/06 Analyzed: 02/16/06

Gasoline Range Organics (C4-C12)	88.3	50	ug/l				55-130			
Benzene	9.49	0.50	"	10.0		95	75-150			
Toluene	9.46	0.50	"	10.0		95	80-115			
Ethylbenzene	9.12	0.50	"	10.0		91	75-115			
Xylenes (total)	28.0	0.50	"	30.0		93	75-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	82.9		"	80.0		104	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	75.7		"	80.0		95	80-120			

**Matrix Spike (6B15038-MS1)**

Source: MPB0185-03

Prepared: 02/15/06 Analyzed: 02/16/06

Gasoline Range Organics (C4-C12)	186	50	ug/l	275	ND	68	55-130			
Benzene	3.41	0.50	"	4.10	ND	83	75-150			
Toluene	17.2	0.50	"	20.7	ND	83	80-115			
Ethylbenzene	3.32	0.50	"	4.85	ND	68	75-115			QM02

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**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B15038 - EPA 5030B [P/T]**

<b>Matrix Spike (6B15038-MS1)</b>		<b>Source: MPB0185-03</b>			<b>Prepared: 02/15/06</b>		<b>Analyzed: 02/16/06</b>			
Xylenes (total)	19.2	0.50	ug/l	23.8	ND	81	75-115			
Surrogate: a,a,a-Trifluorotoluene	75.8		"	80.0		95	80-120			
Surrogate: 4-Bromofluorobenzene	76.8		"	80.0		96	80-120			
<b>Matrix Spike Dup (6B15038-MSD1)</b>		<b>Source: MPB0185-03</b>			<b>Prepared: 02/15/06</b>		<b>Analyzed: 02/16/06</b>			
Gasoline Range Organics (C4-C12)	175	50	ug/l	275	ND	64	55-130	6	35	
Benzene	3.24	0.50	"	4.10	ND	79	75-150	5	25	
Toluene	16.3	0.50	"	20.7	ND	79	80-115	5	25	QM02
Ethylbenzene	3.13	0.50	"	4.85	ND	65	75-115	6	25	QM02
Xylenes (total)	18.3	0.50	"	23.8	ND	77	75-115	5	25	
Surrogate: a,a,a-Trifluorotoluene	76.4		"	80.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	76.1		"	80.0		95	80-120			



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**Purgeables by EPA Method 624 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B16024 - EPA 5030B P/T**

**Blank (6B16024-BLK1)**

Prepared: 02/16/06 Analyzed: 02/17/06

Di-isopropyl ether	ND	0.50	ug/l							
Methyl tert-butyl ether	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
tert-Amyl methyl ether	ND	0.50	"							
Benzene	ND	0.25	"							
Bromodichloromethane	ND	0.25	"							
Bromoform	ND	0.26	"							
Bromomethane	ND	0.5	"							
Carbon tetrachloride	ND	0.25	"							
Chlorobenzene	ND	0.25	"							
Chloroethane	ND	0.61	"							
Chloroform	ND	0.25	"							
Chloromethane	ND	0.28	"							
Dibromochloromethane	ND	0.25	"							
1,2-Dichlorobenzene	ND	0.25	"							
1,3-Dichlorobenzene	ND	0.29	"							
1,4-Dichlorobenzene	ND	0.25	"							
1,1-Dichloroethane	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
1,1-Dichloroethene	ND	0.25	"							
trans-1,2-Dichloroethene	ND	0.28	"							
1,2-Dichloropropane	ND	0.25	"							
cis-1,3-Dichloropropene	ND	0.25	"							
trans-1,3-Dichloropropene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Methylene chloride	ND	0.25	"							

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**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B16024 - EPA 5030B P/T**

<b>Blank (6B16024-BLK1)</b>		Prepared: 02/16/06 Analyzed: 02/17/06								
1,1,2,2-Tetrachloroethane	ND	0.25	"							
Tetrachloroethene	ND	0.25	"							
Toluene	ND	0.25	"							
1,1,1-Trichloroethane	ND	0.25	"							
1,1,2-Trichloroethane	ND	0.25	"							
Trichloroethene	ND	0.25	"							
Trichlorofluoromethane	ND	0.25	"							
Vinyl chloride	ND	0.25	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.46		"	2.50		98	50-150			
<i>Surrogate: 1,4-Difluorobenzene</i>	1.99		"	2.00		100	70-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.10		"	2.50		84	70-120			

<b>LCS (6B16024-BS1)</b>		Prepared: 02/16/06 Analyzed: 02/17/06								
Benzene	21.0	0.50	ug/l	20.0		105	80-140			
Bromodichloromethane	20.4	0.50	"	20.0		102	65-150			
Bromoform	15.6	0.50	"	20.0		78	60-150			
Bromomethane	16.2	1.0	"	20.0		81	15-150			
Carbon tetrachloride	17.8	0.50	"	20.0		89	65-150			
Chlorobenzene	19.8	0.50	"	20.0		99	85-135			
Chloroethane	29.9	1.0	"	20.0		150	45-150			
Chloroform	19.9	0.50	"	20.0		100	75-135			
Chloromethane	28.1	0.50	"	20.0		140	30-150			
Dibromochloromethane	18.9	0.50	"	20.0		94	45-150			
1,2-Dichlorobenzene	18.2	0.50	"	20.0		91	80-130			
1,3-Dichlorobenzene	18.5	0.50	"	20.0		92	85-140			
1,4-Dichlorobenzene	17.7	0.50	"	20.0		88	85-130			
1,1-Dichloroethane	22.2	0.50	"	20.0		111	35-150			
1,2-Dichloroethane	18.4	0.50	"	20.0		92	35-150			
1,1-Dichloroethene	22.2	0.50	"	20.0		111	85-135			
trans-1,2-Dichloroethene	21.6	0.50	"	20.0		108	75-150			

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPB0185  
 Reported:  
 03/30/06 13:41

**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B16024 - EPA 5030B P/T**

<b>LCS (6B16024-BS1)</b>		Prepared: 02/16/06		Analyzed: 02/17/06		
1,2-Dichloropropane	22.7	0.50	ug/l	20.0	114	55-150
cis-1,3-Dichloropropene	19.0	0.50	"	20.0	95	50-150
trans-1,3-Dichloropropene	17.8	0.50	"	20.0	89	45-150
Ethylbenzene	20.0	0.50	"	20.0	100	80-135
Methylene chloride	26.5	0.50	"	20.0	132	40-150
1,1,2,2-Tetrachloroethane	17.0	0.50	"	20.0	85	55-150
Tetrachloroethene	17.3	0.50	"	20.0	86	75-150
Toluene	19.6	0.50	"	20.0	98	80-140
1,1,1-Trichloroethane	17.8	0.50	"	20.0	89	70-150
1,1,2-Trichloroethane	22.4	0.50	"	20.0	112	55-150
Trichloroethene	22.1	0.50	"	20.0	110	30-150
Trichlorofluoromethane	18.3	0.50	"	20.0	92	15-150
Vinyl chloride	26.4	0.50	"	20.0	132	50-150
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.44	"	"	2.50	98	50-150
<i>Surrogate: 1,4-Difluorobenzene</i>	1.96	"	"	2.00	98	70-140
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50	"	"	2.50	100	70-120

<b>Matrix Spike (6B16024-MS1)</b>		Source: MPB0223-09		Prepared: 02/16/06		Analyzed: 02/17/06	
Benzene	20.9	0.50	ug/l	20.0	ND	104	80-140
Bromodichloromethane	20.3	0.50	"	20.0	ND	102	65-150
Bromoform	16.8	0.50	"	20.0	ND	84	60-150
Bromomethane	16.8	1.0	"	20.0	ND	84	15-150
Carbon tetrachloride	17.3	0.50	"	20.0	ND	86	65-150
Chlorobenzene	19.5	0.50	"	20.0	ND	98	85-135
Chloroethane	30.2	1.0	"	20.0	ND	151	45-150
Chloroform	20.2	0.50	"	20.0	ND	101	75-135
Chloromethane	29.4	0.50	"	20.0	ND	147	30-150
Dibromochloromethane	19.4	0.50	"	20.0	ND	97	45-150
1,2-Dichlorobenzene	18.7	0.50	"	20.0	ND	94	80-130
1,3-Dichlorobenzene	18.8	0.50	"	20.0	ND	94	85-140

QM01

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*



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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPB0185  
 Reported:  
 03/30/06 13:41

**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B16024 - EPA 5030B P/T**

Matrix Spike (6B16024-MS1)	Source: MPB0223-09			Prepared: 02/16/06		Analyzed: 02/17/06	
1,4-Dichlorobenzene	18.2	0.50	ug/l	20.0	ND	91	85-130
1,1-Dichloroethane	22.1	0.50	"	20.0	ND	110	35-150
1,2-Dichloroethane	18.6	0.50	"	20.0	ND	93	35-150
1,1-Dichloroethene	22.3	0.50	"	20.0	ND	112	85-135
trans-1,2-Dichloroethene	21.8	0.50	"	20.0	ND	109	75-150
1,2-Dichloropropane	22.5	0.50	"	20.0	ND	112	55-150
cis-1,3-Dichloropropene	19.0	0.50	"	20.0	ND	95	50-150
trans-1,3-Dichloropropene	17.9	0.50	"	20.0	ND	90	45-150
Ethylbenzene	20.1	0.50	"	20.0	ND	100	80-145
Methylene chloride	26.8	0.50	"	20.0	ND	134	40-150
1,1,2,2-Tetrachloroethane	26.2	0.50	"	20.0	ND	131	55-150
Tetrachloroethene	16.5	0.50	"	20.0	ND	82	75-150
Toluene	19.3	0.50	"	20.0	ND	96	80-140
1,1,1-Trichloroethane	17.5	0.50	"	20.0	ND	88	70-150
1,1,2-Trichloroethane	22.3	0.50	"	20.0	ND	112	55-150
Trichloroethene	17.3	0.50	"	20.0	ND	86	30-150
Trichlorofluoromethane	17.2	0.50	"	20.0	ND	86	15-150
Vinyl chloride	26.4	0.50	"	20.0	ND	132	50-150
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	50-150
Surrogate: 1,4-Difluorobenzene	1.99		"	2.00		100	70-140
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	70-120

Matrix Spike Dup (6B16024-MSD1)	Source: MPB0223-09			Prepared: 02/16/06		Analyzed: 02/17/06			
Benzene	19.9	0.50	ug/l	20.0	ND	100	80-140	5	10
Bromodichloromethane	19.6	0.50	"	20.0	ND	98	65-150	4	30
Bromoform	16.4	0.50	"	20.0	ND	82	60-150	2	25
Bromomethane	22.9	1.0	"	20.0	ND	114	15-150	31	35
Carbon tetrachloride	15.6	0.50	"	20.0	ND	78	65-150	10	20
Chlorobenzene	18.9	0.50	"	20.0	ND	94	85-135	3	15
Chloroethane	27.2	1.0	"	20.0	ND	136	45-150	10	45

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPB0185 Reported: 03/30/06 13:41
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**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B16024 - EPA 5030B P/T**

Matrix Spike Dup (6B16024-MSD1)	Source: MPB0223-09			Prepared: 02/16/06	Analized: 02/17/06					
Chloroform	19.0	0.50	ug/l	20.0	ND	95	75-135	6	15	
Chloromethane	27.2	0.50	"	20.0	ND	136	30-150	8	35	
Dibromochloromethane	18.7	0.50	"	20.0	ND	94	45-150	4	35	
1,2-Dichlorobenzene	18.9	0.50	"	20.0	ND	94	80-130	1	25	
1,3-Dichlorobenzene	18.7	0.50	"	20.0	ND	94	85-140	0.5	25	
1,4-Dichlorobenzene	18.2	0.50	"	20.0	ND	91	85-130	0	25	
1,1-Dichloroethane	20.6	0.50	"	20.0	ND	103	35-150	7	35	
1,2-Dichloroethane	17.7	0.50	"	20.0	ND	88	35-150	5	35	
1,1-Dichloroethene	20.0	0.50	"	20.0	ND	100	85-135	11	15	
trans-1,2-Dichloroethene	20.6	0.50	"	20.0	ND	103	75-150	6	20	
1,2-Dichloropropane	21.4	0.50	"	20.0	ND	107	55-150	5	20	
cis-1,3-Dichloropropene	18.2	0.50	"	20.0	ND	91	50-150	4	35	
trans-1,3-Dichloropropene	17.4	0.50	"	20.0	ND	87	45-150	3	35	
Ethylbenzene	18.7	0.50	"	20.0	ND	94	80-145	7	30	
Methylene chloride	26.0	0.50	"	20.0	ND	130	40-150	3	30	
1,1,2,2-Tetrachloroethane	26.5	0.50	"	20.0	ND	132	55-150	1	35	
Tetrachloroethene	15.5	0.50	"	20.0	ND	78	75-150	6	30	
Toluene	18.4	0.50	"	20.0	ND	92	80-140	5	10	
1,1,1-Trichloroethane	15.9	0.50	"	20.0	ND	80	70-150	10	15	
1,1,2-Trichloroethane	21.7	0.50	"	20.0	ND	108	55-150	3	30	
Trichloroethene	16.2	0.50	"	20.0	ND	81	30-150	7	10	
Trichlorofluoromethane	16.0	0.50	"	20.0	ND	80	15-150	7	25	
Vinyl chloride	24.1	0.50	"	20.0	ND	120	50-150	9	35	
Surrogate: 1,2-Dichloroethane-d4	2.40		"	2.50		96	50-150			
Surrogate: 1,4-Difluorobenzene	2.00		"	2.00		100	70-140			
Surrogate: 4-Bromofluorobenzene	2.53		"	2.50		101	70-120			



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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPB0185  
**Reported:**  
03/30/06 13:41

### Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CHAIN OF CUSTODY RECORD

*MPB0185*



Consultant Name: Environmental Resolutions, Inc.

ExxonMobil Engineer Jennifer Sedlachek

Address: 601 North McDowell

Telephone Number 510-547-8196

(615) 726-0177

City/State/Zip: Petaluma, CA 94954

Account #: 10228

Nashville Division

Project Manager James Chappell

PO #: 4505885615

2960 Foster Creighton

Telephone Number: 1-707-766-2000

Facility ID # 7-0277

Nashville, TN 37204

ERI Job Number: 2101-11X

Global ID#



Sampler Name: (Print) J Herman

Site Address 1101 Yulupa Avenue

Sampler Signature: J Herman

City, State Zip Santa Rosa, California

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day	PROVIDE: EDF Report	Special Instructions: * Full Run, including BTEX, MTBE and Oxygenates	Matrix			Analyze For:													
			Water	Soil	Vapor	VOC's EPA 624*	TPHg 8015	8021B BTEX&MTBE											
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	VOC's EPA 624*	TPHg 8015	8021B BTEX&MTBE							
W-INF 01	2/2/06	1330		X	HCL	6 Voa's	X			X	X								
W-INT 1 02		1300		X	HCL	6 Voa's	X				X	X							
W-INT 2 03		1230		X	HCL	6 Voa's	X				X	X							
W-EFF 04		1200		X	HCL	6 Voa's	X			X	X								

Relinquished by: J Herman Date 2/2/06 Time 1500

Received by: Ann Alonzy Time 2-3-06 1040  
Morrissey 2-3-06 12

Laboratory Comments:  
Temperature Upon Receipt: 5.5° C  
Sample Containers Intact? yes  
VOAs Free of Headspace? yes

Relinquished by: Alonzy Date 2-3-06 Time 1200  
Wagner 2/3/06 16:02  
S. Smith 2/3/06 1550

Received by TestAmerica: ASM Time 16:02  
2. Fallis 2/3/06 1550

## SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERT  
 REC. BY (PRINT): E. Fallin  
 WORKORDER: MPB0185

DATE REC'D AT LAB: 2/3/06  
 TIME REC'D AT LAB: 1550  
 DATE LOGGED IN: 2-6-06

For Regulatory Purposes?  
 DRINKING WATER YES/NO  
 WASTE WATER YES/NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*									DFF 2/3/06 SEE COC
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*									
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent									
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent									
5. Airbill #:									
6. Sample Labels: <input checked="" type="radio"/> Present / Absent									
7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No*									
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*									
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*									
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / No*									
14. Read Temp: <u>5.9°C</u> Corrected Temp: <u>5.9°C</u> Is corrected temp 4 +/-2°C? <input checked="" type="radio"/> Yes / No** <small>(Acceptance range for samples requiring thermal pres.)</small>									

\*\*Exception (if any): METALS / DFF ON ICE  
 or Problem COC

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.



**Sequoia  
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24 March, 2006

James Chappell  
Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma, CA 94954



RE: Exxon 7-0277  
Work Order: MPC0234

Enclosed are the results of analyses for samples received by the laboratory on 03/06/06 17:20. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Dell For Leticia Reyes  
Project Manager

CA ELAP Certificate #1210

Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPC0234 <b>Reported:</b> 03/24/06 13:22
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-INF	MPC0234-01	Water	03/02/06 16:30	03/06/06 17:20
W-INT 1	MPC0234-02	Water	03/02/06 16:00	03/06/06 17:20
W-INT 2	MPC0234-03	Water	03/02/06 15:30	03/06/06 17:20
W-EFF	MPC0234-04	Water	03/02/06 15:00	03/06/06 17:20

\*Note: This report is 3 days late past the standard turn around time of 10 days.



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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPC0234  
 Reported:  
 03/24/06 13:22

W-INF (MPC0234-01) Water Sampled: 03/02/06 16:30 Received: 03/06/06 17:20

**Purgeable Hydrocarbons by EPA 8015B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Gasoline Range Organics (C4-C12)</b>	<b>160</b>	50	ug/l	1	6C14049	03/14/06	03/14/06	EPA 8015B-VOA	
<i>Surrogate: 4-Bromofluorobenzene</i>		112 %	80-120	"	"	"	"	"	

**Purgeables by EPA Method 624**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Di-isopropyl ether	ND	0.50	ug/l	1	6C15007	03/15/06	03/16/06	EPA 624	
Ethanol	ND	100	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>6.0</b>	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>1.3</b>	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
<b>Benzene</b>	<b>4.8</b>	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPC0234 Reported: 03/24/06 13:22
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**W-INF (MPC0234-01) Water**    **Sampled: 03/02/06 16:30**    **Received: 03/06/06 17:20**

Compound	ND	0.50	ug/l	1	6C15007	03/15/06	03/16/06	EPA 624
Tetrachloroethene	ND	0.50	ug/l	1	6C15007	03/15/06	03/16/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		125 %		50-150	"	"	"	"
<i>Surrogate: 1,4-Difluorobenzene</i>		106 %		70-140	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %		70-120	"	"	"	"



Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPC0234 Reported: 03/24/06 13:22
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W-INT 1 (MPC0234-02) Water Sampled: 03/02/06 16:00 Received: 03/06/06 17:20

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Gasoline Range Organics (C4-C12)	ND	50		ug/l	1	6C14049	03/14/06	03/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	"	"
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		80-120		"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		95 %		80-120		"	"	"	"	"



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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
Reported:  
03/24/06 13:22

W-INT 2 (MPC0234-03) Water Sampled: 03/02/06 15:30 Received: 03/06/06 17:20

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B**

**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6C14049	03/14/06	03/14/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		103 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95 %		80-120	"	"	"	"	



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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPC0234  
 Reported:  
 03/24/06 13:22

W-EFF (MPC0234-04) Water Sampled: 03/02/06 15:00 Received: 03/06/06 17:20

**Purgeable Hydrocarbons by EPA 8015B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6C14049	03/14/06	03/14/06	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		95 %	80-120		"	"	"	"	

**Purgeables by EPA Method 624**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Ethanol	ND	100	ug/l	1	6C15007	03/15/06	03/16/06	EPA 624	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPC0234 <b>Reported:</b> 03/24/06 13:22
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**W-EFF (MPC0234-04) Water    Sampled: 03/02/06 15:00    Received: 03/06/06 17:20**

Tetrachloroethene	ND	0.50	ug/l	1	6C15007	03/15/06	03/16/06	EPA 624
Toluene	ND	0.50	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"
Trichloroethene	ND	0.50	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"
Vinyl chloride	ND	0.50	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>118 %</i>		<i>50-150</i>				
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>104 %</i>		<i>70-140</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>72 %</i>		<i>70-120</i>				



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 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPC0234  
 Reported:  
 03/24/06 13:22

**Purgeable Hydrocarbons by EPA 8015B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6C14049 - EPA 5030B [P/T]</b>										
<b>Blank (6C14049-BLK1)</b> Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Surrogate: 4-Bromofluorobenzene	37.6		"	40.0		94	80-120			
<b>LCS (6C14049-BS1)</b> Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	235	50	ug/l	275		85	55-130			
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			
<b>Matrix Spike (6C14049-MS1)</b> Source: MPC0234-04 Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	224	50	ug/l	275	ND	81	55-130			
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0		101	80-120			
<b>Matrix Spike Dup (6C14049-MSD1)</b> Source: MPC0234-04 Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	215	50	ug/l	275	ND	78	55-130	4	35	
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			



Environmental Resolutions (Exxon)  
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Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
Reported:  
03/24/06 13:22

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6C14049 - EPA 5030B [P/T]</b>										
<b>Blank (6C14049-BLK1)</b> Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	41.3		"	40.0		103	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	37.6		"	40.0		94	80-120			
<b>LCS (6C14049-BS1)</b> Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	235	50	ug/l	275		85	55-130			
Benzene	3.36	0.50	"	2.65		127	75-150			
Toluene	20.9	0.50	"	23.0		91	80-115			
Ethylbenzene	4.05	0.50	"	4.60		88	75-115			
Xylenes (total)	22.9	0.50	"	26.4		87	75-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	40.0		"	40.0		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	40.1		"	40.0		100	80-120			
<b>Matrix Spike (6C14049-MS1)</b> Source: MPC0234-04 Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	224	50	ug/l	275	ND	81	55-130			
Benzene	3.20	0.50	"	2.65	ND	121	75-150			
Toluene	19.9	0.50	"	23.0	ND	87	80-115			
Ethylbenzene	3.79	0.50	"	4.60	ND	82	75-115			
Xylenes (total)	21.9	0.50	"	26.4	ND	83	75-115			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	40.4		"	40.0		101	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	40.3		"	40.0		101	80-120			
<b>Matrix Spike Dup (6C14049-MSD1)</b> Source: MPC0234-04 Prepared & Analyzed: 03/14/06										
Gasoline Range Organics (C4-C12)	215	50	ug/l	275	ND	78	55-130	4	35	
Benzene	3.35	0.50	"	2.65	ND	126	75-150	5	25	
Toluene	19.2	0.50	"	23.0	ND	83	80-115	4	25	
Ethylbenzene	3.67	0.50	"	4.60	ND	80	75-115	3	25	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
 601 North McDowell Blvd.  
 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPC0234  
 Reported:  
 03/24/06 13:22

**Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C14049 - EPA 5030B [P/T]**

**Matrix Spike Dup (6C14049-MSD1)**

Source: MPC0234-04

Prepared & Analyzed: 03/14/06

Xylenes (total)	21.1	0.50	ug/l	26.4	ND	80	75-115	4	25	
Surrogate: a,a,a-Trifluorotoluene	39.9		"	40.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			



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Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
Reported:  
03/24/06 13:22

**Purgeables by EPA Method 624 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C15007 - EPA 5030B P/T**

**Blank (6C15007-BLK1)**

Prepared & Analyzed: 03/15/06

tert-Butyl alcohol	ND	10	ug/l							
Methyl tert-butyl ether	ND	0.25	"							
Ethanol	ND	50	"							
Di-isopropyl ether	ND	0.25	"							
tert-Amyl methyl ether	ND	0.25	"							
Xylenes (total)	ND	0.47	"							
Ethyl tert-butyl ether	ND	0.25	"							
Benzene	ND	0.25	"							
Bromodichloromethane	ND	0.25	"							
Bromoform	ND	0.26	"							
Bromomethane	ND	0.5	"							
Carbon tetrachloride	ND	0.25	"							
Chlorobenzene	ND	0.25	"							
Chloroethane	ND	0.61	"							
Chloroform	ND	0.25	"							
Chloromethane	ND	0.28	"							
Dibromochloromethane	ND	0.25	"							
1,2-Dichlorobenzene	ND	0.25	"							
1,3-Dichlorobenzene	ND	0.29	"							
1,4-Dichlorobenzene	ND	0.25	"							
1,1-Dichloroethane	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
1,1-Dichloroethene	ND	0.25	"							
trans-1,2-Dichloroethene	ND	0.28	"							
1,2-Dichloropropane	ND	0.25	"							
cis-1,3-Dichloropropene	ND	0.25	"							
trans-1,3-Dichloropropene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Methylene chloride	0.48	0.25	"							

Sequoia Analytical - Morgan Hill

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601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
Reported:  
03/24/06 13:22

**Purgeables by EPA Method 624 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C15007 - EPA 5030B P/T**

**Blank (6C15007-BLK1)**

Prepared & Analyzed: 03/15/06

1,1,2,2-Tetrachloroethane	ND	0.25	"							
Tetrachloroethene	ND	0.25	"							
Toluene	ND	0.25	"							
1,1,1-Trichloroethane	ND	0.25	"							
1,1,2-Trichloroethane	ND	0.25	"							
Trichloroethene	ND	0.25	"							
Trichlorofluoromethane	ND	0.25	"							
Vinyl chloride	ND	0.25	"							

*Surrogate: 1,2-Dichloroethane-d4*

2.91

"

2.50

116

50-150

*Surrogate: 1,4-Difluorobenzene*

2.18

"

2.00

109

70-140

*Surrogate: 4-Bromofluorobenzene*

2.01

"

2.50

80

70-120

**LCS (6C15007-BS1)**

Prepared & Analyzed: 03/15/06

Ethyl tert-butyl ether	25.6	0.50	ug/l	20.0		128	75-130			
Methyl tert-butyl ether	25.1	0.50	"	20.0		126	65-125			QC01
tert-Amyl methyl ether	25.8	0.50	"	20.0		129	80-115			QC01
tert-Butyl alcohol	320	20	"	400		80	75-150			
Xylenes (total)	59.0	0.50	"	60.0		98	85-125			
Ethanol	312	100	"	400		78	70-135			
Di-isopropyl ether	24.2	0.50	"	20.0		121	75-125			
Benzene	23.0	0.50	"	20.0		115	80-140			
Bromodichloromethane	24.6	0.50	"	20.0		123	65-150			
Bromoform	23.5	0.50	"	20.0		118	60-150			
Bromomethane	25.2	1.0	"	20.0		126	15-150			
Carbon tetrachloride	24.4	0.50	"	20.0		122	65-150			
Chlorobenzene	21.6	0.50	"	20.0		108	85-135			
Chloroethane	21.3	1.0	"	20.0		106	45-150			
Chloroform	23.2	0.50	"	20.0		116	75-135			
Chloromethane	21.7	0.50	"	20.0		108	30-150			
Dibromochloromethane	24.5	0.50	"	20.0		122	45-150			

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
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 Petaluma CA, 94954

Project: Exxon 7-0277  
 Project Number: 7-0277  
 Project Manager: James Chappell

MPC0234  
 Reported:  
 03/24/06 13:22

**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C15007 - EPA 5030B P/T**

<b>LCS (6C15007-BS1)</b>										
						Prepared & Analyzed: 03/15/06				
1,2-Dichlorobenzene	21.0	0.50	ug/l	20.0		105	80-130			
1,3-Dichlorobenzene	21.4	0.50	"	20.0		107	85-140			
1,4-Dichlorobenzene	21.2	0.50	"	20.0		106	85-130			
1,1-Dichloroethane	23.2	0.50	"	20.0		116	35-150			
1,2-Dichloroethane	22.6	0.50	"	20.0		113	35-150			
1,1-Dichloroethene	23.1	0.50	"	20.0		116	85-135			
trans-1,2-Dichloroethene	23.7	0.50	"	20.0		118	75-150			
1,2-Dichloropropane	23.0	0.50	"	20.0		115	55-150			
cis-1,3-Dichloropropene	24.3	0.50	"	20.0		122	50-150			
trans-1,3-Dichloropropene	24.9	0.50	"	20.0		124	45-150			
Ethylbenzene	19.4	0.50	"	20.0		97	80-135			
Methylene chloride	24.6	0.50	"	20.0		123	40-150			
1,1,2,2-Tetrachloroethane	23.0	0.50	"	20.0		115	55-150			
Tetrachloroethene	24.3	0.50	"	20.0		122	75-150			
Toluene	22.7	0.50	"	20.0		114	80-140			
1,1,1-Trichloroethane	24.3	0.50	"	20.0		122	70-150			
1,1,2-Trichloroethane	23.8	0.50	"	20.0		119	55-150			
Trichloroethene	22.8	0.50	"	20.0		114	30-150			
Trichlorofluoromethane	23.3	0.50	"	20.0		116	15-150			
Vinyl chloride	23.0	0.50	"	20.0		115	50-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.91</i>		<i>"</i>	<i>2.50</i>		<i>116</i>	<i>50-150</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>2.15</i>		<i>"</i>	<i>2.00</i>		<i>108</i>	<i>70-140</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>2.47</i>		<i>"</i>	<i>2.50</i>		<i>99</i>	<i>70-120</i>			

<b>LCS Dup (6C15007-BSD1)</b>										
						Prepared & Analyzed: 03/15/06				
Xylenes (total)	54.5	0.50	ug/l	60.0		91	85-125	8	20	
tert-Butyl alcohol	339	20	"	400		85	75-150	6	25	
tert-Amyl methyl ether	24.7	0.50	"	20.0		124	80-115	4	15	QC01
Methyl tert-butyl ether	23.9	0.50	"	20.0		120	65-125	5	20	
Ethyl tert-butyl ether	24.0	0.50	"	20.0		120	75-130	6	25	

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
Reported:  
03/24/06 13:22

**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C15007 - EPA 5030B P/T**

**LCS Dup (6C15007-BSD1)**

Prepared & Analyzed: 03/15/06

Ethanol	416	100	ug/l	400		104	70-135	29	35	
Di-isopropyl ether	22.7	0.50	"	20.0		114	75-125	6	15	
Benzene	21.4	0.50	"	20.0		107	80-140	7	10	
Bromodichloromethane	22.6	0.50	"	20.0		113	65-150	8	30	
Bromoform	22.4	0.50	"	20.0		112	60-150	5	25	
Bromomethane	21.6	1.0	"	20.0		108	15-150	15	35	
Carbon tetrachloride	22.2	0.50	"	20.0		111	65-150	9	20	
Chlorobenzene	19.7	0.50	"	20.0		98	85-135	9	15	
Chloroethane	19.1	1.0	"	20.0		96	45-150	11	45	
Chloroform	21.2	0.50	"	20.0		106	75-135	9	15	
Chloromethane	20.0	0.50	"	20.0		100	30-150	8	35	
Dibromochloromethane	22.6	0.50	"	20.0		113	45-150	8	35	
1,2-Dichlorobenzene	19.1	0.50	"	20.0		96	80-130	9	25	
1,3-Dichlorobenzene	19.5	0.50	"	20.0		98	85-140	9	25	
1,4-Dichlorobenzene	19.0	0.50	"	20.0		95	85-130	11	25	
1,1-Dichloroethane	21.2	0.50	"	20.0		106	35-150	9	35	
1,2-Dichloroethane	21.5	0.50	"	20.0		108	35-150	5	35	
1,1-Dichloroethene	21.0	0.50	"	20.0		105	85-135	10	15	
trans-1,2-Dichloroethene	21.6	0.50	"	20.0		108	75-150	9	20	
1,2-Dichloropropane	21.3	0.50	"	20.0		106	55-150	8	20	
cis-1,3-Dichloropropene	22.5	0.50	"	20.0		112	50-150	8	35	
trans-1,3-Dichloropropene	23.2	0.50	"	20.0		116	45-150	7	35	
Ethylbenzene	18.1	0.50	"	20.0		90	80-135	7	30	
Methylene chloride	23.0	0.50	"	20.0		115	40-150	7	30	
1,1,2,2-Tetrachloroethane	21.0	0.50	"	20.0		105	55-150	9	35	
Tetrachloroethene	22.3	0.50	"	20.0		112	75-150	9	30	
Toluene	21.1	0.50	"	20.0		106	80-140	7	10	
1,1,1-Trichloroethane	21.9	0.50	"	20.0		110	70-150	10	15	
1,1,2-Trichloroethane	22.5	0.50	"	20.0		112	55-150	6	30	

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*



885 Jarvis Drive  
 Morgan Hill, CA 95037  
 (408) 776-9600  
 FAX (408) 782-6308  
 www.sequoialabs.com

Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MPC0234 Reported: 03/24/06 13:22
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**Purgeables by EPA Method 624 - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6C15007 - EPA 5030B P/T**

<b>LCS Dup (6C15007-BSD1)</b>		<b>Prepared &amp; Analyzed: 03/15/06</b>								
Trichloroethene	21.2	0.50	"	20.0		106	30-150	7	10	
Trichlorofluoromethane	21.2	0.50	"	20.0		106	15-150	9	25	
Vinyl chloride	21.2	0.50	"	20.0		106	50-150	8	35	
Surrogate: 1,2-Dichloroethane-d4	2.78		"	2.50		111	50-150			
Surrogate: 1,4-Difluorobenzene	2.12		"	2.00		106	70-140			
Surrogate: 4-Bromofluorobenzene	2.35		"	2.50		94	70-120			

Environmental Resolutions (Exxon)  
601 North McDowell Blvd.  
Petaluma CA, 94954

Project: Exxon 7-0277  
Project Number: 7-0277  
Project Manager: James Chappell

MPC0234  
**Reported:**  
03/24/06 13:22

### Notes and Definitions

QC01     The percent recovery was above the control limits.

DET     Analyte DETECTED

ND     Analyte NOT DETECTED at or above the reporting limit

NR     Not Reported

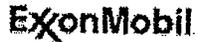
dry     Sample results reported on a dry weight basis

RPD     Relative Percent Difference

CHAIN OF CUSTODY RECORD



(615) 726-0177  
Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204



Consultant Name: Environmental Resolutions, Inc.

Address: 601 North McDowell

City/State/Zip: Petaluma, CA 94954

Project Manager: James Chappell

Telephone Number: 1-707-766-2000

ERI Job Number: 2101-11X

Sampler Name: (Print) Jon Herman

Sampler Signature: Jon Herman

ExxonMobil Engineer Jennifer Sedlachek

Telephone Number 510-547-8196

Account #: 10228

PO #: 4505885615

Facility ID # 7-0277

Global ID# \_\_\_\_\_

Site Address 1101 Yulupa Avenue

City, State Zip Santa Rosa, California

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day <u>MPC0234</u>	PROVIDE: EDF Report	Special Instructions: <b>* Full Run, Including BTEX, MTBE and Oxygenates</b>	Matrix			Analyze For:														
			Water	Soil	Vapor	VOC's EPA 624*	TPHg 8015	8021B BTEX&MTBE												
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER														
01 W-INF	3/2/06	16 <sup>30</sup>		X	HCL	6 Voa's	X			X	X									
02 W-INT 1		16 <sup>00</sup>		X	HCL	6 Voa's	X				X	X								
03 W-INT 2		15 <sup>30</sup>		X	HCL	6 Voa's	X				X	X								
04 W-EFF		15 <sup>00</sup>		X	HCL	6 Voa's	X				X	X								

Relinquished by: J Herman Date 3/6/06 Time 1000 Received by: Aloruz Date 3-6-06 Time 1045  
Jon Herman Date 3-6-06 Time 1240 Received by TestAmerica: Prufin Date 3-6-06 Time 1720  
Jon Herman Date 3-6-06 Time 1720 Received by TestAmerica: Prufin Date 3/6/06 Time 1720

Laboratory Comments:  
 Temperature Upon Receipt: 2.8°C  
 Sample Containers Intact? Yes  
 VOAs Free of Headspace? Yes

## SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: <u>ERI / EXXON</u>	DATE REC'D AT LAB: <u>3/6/06</u>	For Regulatory Purposes?
REC. BY (PRINT) <u>PH</u>	TIME REC'D AT LAB: <u>1720</u>	DRINKING WATER <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
WORKORDER: <u>MPC0234</u>	DATE LOGGED IN: <u>3/6/06</u>	WASTE WATER <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present <input checked="" type="checkbox"/> Absent Intact / Broken*									
2. Chain-of-Custody: Present / Absent*									
3. Traffic Reports or Packing List: Present <input checked="" type="checkbox"/> Absent									
4. Airbill: Airbill / Sticker Present <input checked="" type="checkbox"/> Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: <u>2.8°C</u> Corrected Temp: <u>2.8°C</u> Is corrected temp 4 +/-2°C? Yes / No**									
<small>(Acceptance range for samples requiring thermal pres.)</small> **Exception (if any): METALS / DFF ON ICE or Problem COC									

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

**ATTACHMENT C**  
**CERTIFICATION STATEMENT**

## CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signed:  \_\_\_\_\_

Date: 04/10/06